AAP Catalogue

Edition **21**

EliteControl | **BENINCA** TECHNOLOGY TO OPEN | **TVT**® | **OPTEX**

AAP Core Product Categories

EliteControl
www.aap.co.nz

Arrowhead Alarm Products Ltd

PROUDLY MADE IN NZ

Security & Automation
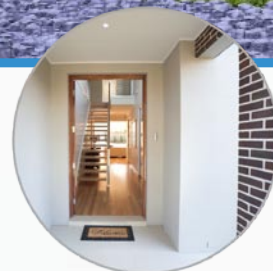
Alarm Systems

For More View Page 5

Gate Automation

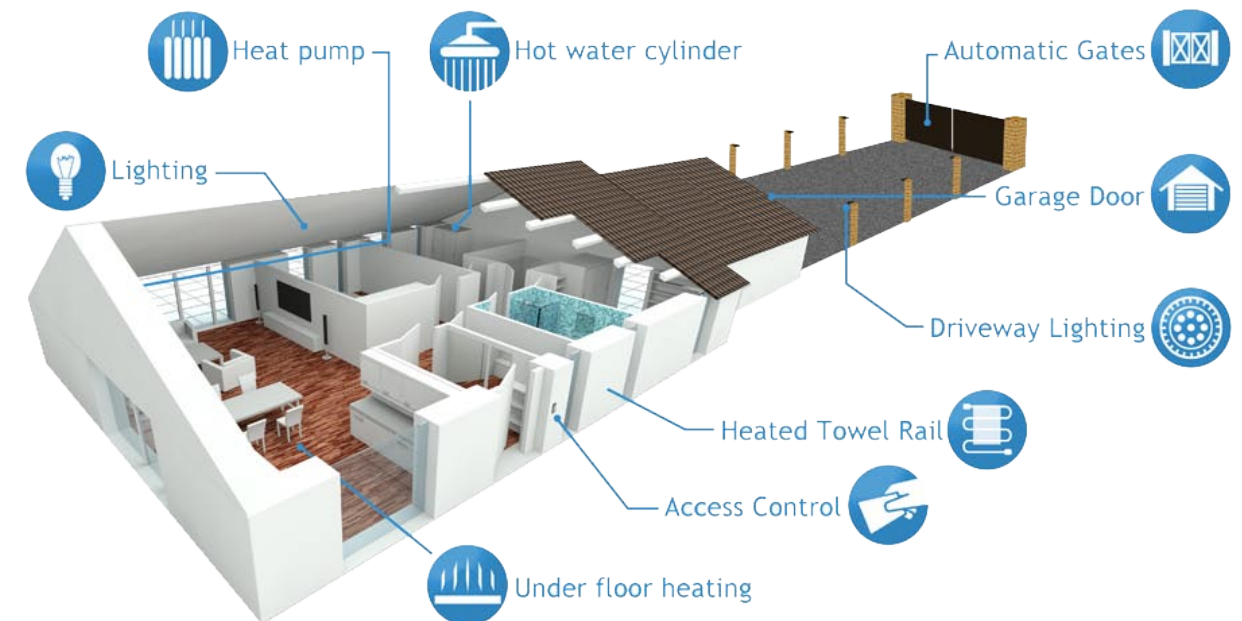For More View Page 61

Arrowhead Alarm Products was established in 1986 with a philosophy to provide top quality security equipment with an emphasis on expert back up & support. The Elite security & control system is designed and manufactured in our purpose built facility located in Albany industrial park

On site we have a specialised team of software and hardware engineers complimented by our lead free high speed pick & place manufacturing plant and multi stage quality control system. Each and every product we manufacture is also tested in house. This start to finish process makes us so confident that we put a 5 year warranty on everything we build

Our exclusive online technical support library and factory trained engineers provide unprecedented support for our loyal technicians

Heat pump
Hot water cylinder
Automatic Gates
Lighting
Garage Door
Driveway Lighting
Heated Towel Rail
Access Control
Under floor heating

Intelligent Access, Control & Monitoring At Your Fingertips

ESL-2 APP POD

Arm/Disarm
Control
Home
History
Live Sensors
Live Push

App Store
Google play

For More View Page 56

Intercoms

For More View Page 85

CCTV

Contents Page

Alarm Systems

Innovative Security & Control

Section Includes

- ESL-2 TRX Range
- ESX Alarm System
- ESL-2 Keypads
- ESL-2 KIT's & Accessories
- FW2 Wireless Range

EliteControl
www.aap.co.nz

EliteControl ESL-2 KIT's

Kit Includes
- ESL-2 8/16 Zone Control Panel
- Plastic Cabinet which includes transformer
- 2x Optex OPT-RXC-ST Detectors
- EC-SIREN External Siren
- PS209-R Internal Siren
- 4C2-100-CU 100m Box of Cable
- DM12-7.5 SLA Battery
- Plus Your Choice of Keypad

ESL-2 KIT-1

Full ESL-2 alarm kit, pre-programmed comes with E16LED KP
+ All kit items listed above

ESL-2 KIT-4

Full ESL-2 alarm kit, pre-programmed comes with KP-LCD-ST7OEM
+ All kit items listed above

ESL-2 KIT-6

Full ESL-2 alarm kit, pre-programmed comes with KP-ICON
+ All kit items listed above

ESL-2 KIT-7

Full ESL-2 alarm kit, pre-programmed comes with KP-ICON-OEM
+ All kit items listed above

ESL-2 KIT-7 NC

Full ESL-2 alarm kit, pre-programmed comes with KP-ICON-OEM
+ All kit items listed above
(excludes 4C2-100-CU cable)

ESL-2 KIT-8

Full ESL-2 alarm kit, pre-programmed comes with KP-ICON-OEM-P
+ All kit items listed above

ESL-2 KIT-10-W

Full ESL-2 alarm kit, pre-programmed comes with EC-TOUCH W
+ All kit items listed above

ESL-2 KIT-10-B

Full ESL-2 alarm kit, pre-programmed comes with EC-TOUCH B
+ All kit items listed above

ESL-2 KIT-10-W NC

Full ESL-2 alarm kit, pre-programmed comes with EC-TOUCH W
+ All kit items listed above
(excludes 4C2-100-CU cable)

ESL-2 KIT-10-B NC

Full ESL-2 alarm kit, pre-programmed comes with EC-TOUCH B
+ All kit items listed above
(excludes 4C2-100-CU cable)

Consider adding the ESL-2 APP POD to your system

EliteControl Functions

Arm/Disarm	Stay in Arm/Disarm
Glass Break Sensor	Window Sensor
Indoor Sensor	Outdoor Sensor
Door Sensor	Garage Door Sensor
Smoke Detector	Heat Sensor

Plug in network module for ESL-2 security & control systems
- Plug & Play
- Pre Programmed
- App or IP Monitoring
- Push Notification Alerts
- Apple or Android Compatible

See page 47 for more information

EliteControl ESL-2 PLAS

Includes
- ESL-2 8/16 Zone Control Panel
- Plastic Cabinet which includes transformer
- Resistor Pack (2K2, 4K7 & 8K2)
- Plus Your Choice of Keypad

EliteControl ESL-2 MET

Includes
- ESL-2 8/16 Zone Control Panel
- Metal Cabinet which includes Transformer
- Tamper Switch & Resistor Pack (2K2, 4K7 & 8K2)
- Plus Your Choice of Keypad

ESL-2 PLAS
ESL-2 8/16 zone control panel in plastic cabinet No Keypad Included
+ All items listed above

ESL-2 PLAS-1
ESL-2 8/16 zone control panel in plastic cabinet with E16LED KP
+ All items listed above

ESL-2 PLAS-4
ESL-2 8/16 zone control panel in plastic cabinet with KP-LCD-ST7OEM
+ All items listed above

ESL-2 PLAS-6
ESL-2 8/16 zone control panel in plastic cabinet with KP-ICON
+ All items listed above

ESL-2 PLAS-7
ESL-2 8/16 zone control panel in plastic cabinet with KP-ICON-OEM
+ All items listed above

ESL-2 PLAS-8
ESL-2 8/16 zone control panel in plastic cabinet with KP-ICON-OEM-P
+ All items listed above

ESL-2 PLAS-10-W
ESL-2 8/16 zone control panel in plastic cabinet with EC-TOUCH W
+ All items listed above

ESL-2 PLAS-10-B
ESL-2 8/16 zone control panel in plastic cabinet with EC-TOUCH B
+ All items listed above

ESL-2 MET-S
ESL-2 8/16 zone control panel in EC surface mount metal cabinet. (no keypad)

ESL-2 MET-S-7
ESL-2 8/16 zone control panel in EC surface mount metal cabinet with KP-ICON-OEM
+ All items listed above

ESL-2 MET-S-10W
ESL-2 8/16 zone control panel in EC surface mount metal cabinet with EC-TOUCH W
+ All items listed above

ESL-2 MET-S-10B
ESL-2 8/16 zone control panel in EC surface mount metal cabinet with EC-TOUCH B
+ All items listed above

FW2 Wireless Range

Feature & Options

- Complete 2-Way Wireless Range
- 916.5Mhz Frequency Across the Range
- Secure & Reliable Wireless Options
- Battery Operated
- Expected Battery Life up to 5 Years
- The Ultimate Wireless Solution

FW2-CURTAIN

916.5Mhz wireless curtain detector, perfect for glass walls, windows & doors. Requires FW2-TX IN BOX transceiver & compatible with ESL-2 system

FW2-EDS3000-AM-915

916.5Mhz wireless double PIR sensor IP65 rated with pet immunity of up to 55kg. Requires FW2-TX IN BOX transceiver & compatible with ESL-2 system

FW2-GBD

916.5Mhz wireless glass break detector with detection range of up to 12m. Requires FW2-TX IN BOX transceiver & compatible with ESL-2 system

FW2-LCD KP 9F

916.5Mhz wireless graphical LCD keypad with time & date displayed. Requires FW2-TX IN BOX transceiver & compatible with ESL-2 system

FW2-MAG

916.5Mhz wireless magnetic door or window contact with up to 150m range (open space). Requires FW2-TX IN BOX transceiver & compatible with ESL-2 system

FW2-NEO

916.5Mhz wireless PIR detector with pet immunity of up to 25kg. Requires FW2-TX IN BOX transceiver & compatible with ESL-2 system

FW2-NEPTUNE BLUE

916.5Mhz wireless slimline outdoor siren IP55. Battery operated with 105dB sounder. Requires FW2-TX IN BOX transceiver & compatible with ESL-2 system

FW2-PANIC

916.5Mhz wireless panic button with wrist strap & neck cord. Requires FW2-TX IN BOX transceiver & compatible with ESL-2 system

FW2-REMOTE

916.5Mhz wireless multi purpose remote control for garage door, gate & much more. Requires FW2-TX IN BOX transceiver & compatible with ESL-2 system

FW2-SMOKE

916.5Mhz wireless smoke detector, battery operated with test button. Requires FW2-TX IN BOX transceiver & compatible with ESL-2 system

FW2-VESTA

916.5Mhz wireless internal siren, battery operated with a 100dB sounder. Requires FW2-TX IN BOX transceiver & compatible with ESL-2 system

FW2-TX IN BOX

916.5Mhz wireless transceiver compatible with all FW2 series products. Has up to 500m (in open space) range. Compatible with ESL-2 system

ESL-2 TRX KIT's

Kit Includes
- ESL-2 8/16 Zone Control Panel
- Plastic Cabinet which includes transformer
- TRX Keypad
- 2x TRX PENDANT's & PIR's
- TRX External Siren
- TRX TRANSCEIVER-PCB
- DM12-3 SLA Battery
- PS209-R Internal Siren

ESL-2 TRX KIT Accessories

Features
- New Zealand Designed & Manufactured
- Maximum Range of 50m
- 2-Way Wireless
- Perfect For Retrofit Installations
- Full Range of Wireless Products

ESL-2 TRX KIT-A1

Full wireless alarm kit, powered by 230V mains transformer, keypad runs off in-wall 230V PSU
+ All Kit Items Listed Above

TRX TRANSCEIVER-PCB

Hardwire to an Elite S Series control panel & this board will allow all 2-Way wireless products to control & be controlled by the panel

ESL-2 TRX KIT-A2

Full wireless alarm kit, powered by 300mA plug pack, keypad runs off in-wall 230V PSU
+ All Kit Items Listed Above

TRX MAINS

TRX wireless 230V mains switch, capable of controlling lighting, heat pump, heated towel rail, under floor heating & more

TRX KEYPAD-A

Full 2-Way wireless LCD icon display keypad, updated from panel in real time. Run up to 8 keypads on the system. With 230V in-wall mains PSU & 2x CR2450 battery backup

ESL-2 TRX KIT-C1

Full wireless alarm kit, powered by 230V mains transformer, keypad runs off rechargeable back plate (Lithium-ion smart battery) supplied with plug pack charger
+ All Kit Items Listed Above

TRX KEYPAD-C

Full 2-Way wireless LCD icon display keypad, updated from panel in real time. Run up to 8 keypads on the system. Includes rechargeable back plate, Lithium-ion smart battery & plug pack

TRX EXTERNAL

2-Way wireless external siren strobe unit. Runs up to 3 Years on a single C-Size Lithium battery. Flash lamp or chirp siren for Arm & Disarm indication. Fully supervised, 104dB

ESL-2 TRX KIT-C2

Full wireless alarm kit, powered by 300mA plug pack, keypad runs off rechargeable back plate (Lithium-ion smart battery) supplied with plug pack charger
+ All Kit Items Listed Above

TRX HEAT

2-Way wireless heat detector, battery operated 9V alkaline with built in 85dB sounder & test button. Surface mount, thermal detector 57 degrees

TRX SMOKE

2-Way wireless photoelectric smoke detector with built in 85dB sounder. Includes 9V alkaline battery & surface mount base

TRX INTERNAL

2-Way wireless internal siren. You can have up to 3 years on a single C-size lithium battery. Fully supervised which can provide a door chime from wireless call point or full alarm tones at 104dB

TRX OUTPUT

2-Way wireless relay output (Battery Powered). This unit takes commands from the ESL-2 to operate 2 doors &/or gates via key code, zone inputs, time zone of hand held transmitter

TRX PIR

2-Way wireless PIR detector fully supervised (Low Current). The PIR is pet friendly up to 25kg
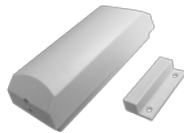
TRX REED

2-Way wireless reed switch for securing doors & windows. Indicates open or closed status to the control panel with hard wired Input

TRX MAINS KIT

Wireless 230V mains switch & transceiver. Kit includes 1x TRX MAINS switch & 1x TRX TRANSCEIVER-PCB wireless transceiver board

IR REMOTE-10

Programming tool for TRX MAINS. The remote allows you to select the output from the ESL-2 that the TRX Mains follows

TRX PENDANT

Hand held 4 Button 2-Way wireless transmitter for Arming, Disarming & Output control. Contains 1x CR2032 battery

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ESX System

Features
- 8/16 Zones Onboard
- Onboard Ethernet & Dialler
- 32 Areas & up to 32 Keypads
- Expandable to 64 Zones & 32 Outputs
- 2000 Users & up to 32 Door Access Control

ESX-1

ESX V2. Control Panel (PCB only). Capable of up to 64 zones & 32 outputs. Dimensions 164mm x 102mm x 32mm

ESX-1 PLC/U

Elite SX control panel in plastic cabinet with 17VAC 1.4A transformer

ESX-KP1

Full English text LCD keypad for ESX series. Multi function with assignable buttons

ESX-KP1-P

Full English text LCD keypad for ESX series. Multi function with assignable buttons & built in proximity reader for access control

EC-TOUCH W

5" Touch Keypad with white surround, compatible with ESL-2, ESX, ESL, ELITE S & ELITE S LITE. Dimensions W143 x H103 x D15mm

EC-TOUCH B

5" Touch Keypad with charcoal surround, compatible with ESL-2, ESX, ESL, ELITE S & ELITE S LITE. Dimensions W143 x H103 x D15mm

EC-PSU2 — 13.8V 1.4A Plug on Power Supply for EC-A2, O4 & Z8 (battery backup)

ESX-RS232 — RS232 plug on module for the ESX control panel. Allows 2-way communication between the ESX & automation system

ESX-KP EXTEND — ESX keypad bus extender, up to 200m cable run with keypad extender located in the middle of the run

ESX READER USB — 125K proximity reader for simple prox card entry into the ESX system. Simple scan to panel technology

EC-SCC ADAPTER — Adapter Mounting Plate for ESL-2, ESX range (requires EC-SCC PLATE)

EC-SCC BATT — Battery Holder for Structured Cabling Cabinet (for 5, 7 & 9A batteries)

EC-SCC PLATE — Mounting Plate for Structured Cabling Cabinet

EC-SCC PSU — 24VDC 2.2A Power module with IEC for Structured Cabling Cabinet

WIEGAND-MINI — Wiegand Interface for ESL-2, ESX systems. 12VDC required, featuring 1 input & 1 output. Compatible with ESL-2 & ESX system

EC-A2 — 2 Door Access Control Module for EC/ESX & ESL-2 Security System

EC-O4 — 4 Relay Output Expander for EC/ESX Security System

EC-Z8 — 8 Zone Expander for EC/ESX Security System

PW WIEGAND — Outdoor prox/PIN reader. IP66, 40 bit wiegand with backlit keys. Used with EC-A2

PW WIEGAND-NK — Outdoor waterproof prox reader (no keypad). 40 bit wiegand, used with EC-A2

PW WIEGAND-SK1 — 40 bit wiegand 8-18VDC keypad. IP65 with blue backlit keys & built in prox reader. Used with EC-A2

PW WIEGAND-SK4 — 40 bit wiegand 8-18VDC keypad (architrave style). IP65 with blue backlit keys & built in prox reader. Used with EC-A2

SCC-20 — 20" structured cabling cabinet (flush mount). Dimensions 355 x 575 x 90mm. Can be used with EC-SCC plates & expander modules

SCC-28 — 28" structured cabling cabinet (flush mount). Dimensions 725 x 355 x 90mm Can be used with EC-SCC plates & expander modules

ESL-2 Alarm Keypads

Features & Options
- 5" Touch Keypad (in Charcoal or White)
- LCD Keypads (Full English)
- LED Keypads (Compatible with Legacy Panels)
- LCD Icon with Time & Temp Display
- Wide & Slimline Keypads
- Wireless Keypads (TRX)

EC-TOUCH W — 5" Touch Keypad with white surround, compatible with ESL-2, ESL, ESX, ELITE S & ELITE S LITE. Dimensions W143 x H103 x D15mm

EC-TOUCH B — 5" Touch Keypad with charcoal surround, compatible with ESL-2, ESL, ESX, ELITE S & ELITE S LITE. Dimensions W143 x H103 x D15mm

EC-TOUCH W PROX — 5" Touch Keypad with white surround, includes built in prox. Compatible with ESL-2, ESL, ESX, ELITE S & ELITE S LITE. Dimensions W143 x H103 x D15mm. Includes 2x PROX EM4100 tags

EC-TOUCH B PROX — 5" Touch Keypad with charcoal surround, includes built in prox. Compatible with ESL-2, ESL, ESX, ELITE S & ELITE S LITE. Dimensions W143 x H103 x D15mm. Includes 2x PROX EM4100 tags

E16LED KP — 16 LED keypad (wide style). Compatible with ESL-2, ESL, Elite S, Elite S Lite, Elite 16D v6 & Elite 8D. Dimensions L137mm x W124mm x D28mm

KP-ICON — Icon LCD keypad (wide style) with time & temperature display. Compatible with ESL-2, ESL, Elite S & Elite S Lite. Dimensions L137mm x W124mm x D28mm

KP-ICON-OEM — Icon LCD keypad, displays time & temperature. Features zone input compatible with ESL-2, ESL, Elite S & Elite S Lite. Dimensions L134mm x W88mm x D24mm

KP-ICON-OEM P — Icon LCD keypad with built in prox reader for easy arm/disarm with tags. Features zone input compatible with ESL-2, ESL, Elite S & Elite S Lite. Dimensions L134mm x W88mm x D24mm

ESX-KP1 — Full English text LCD keypad for ESX series. Multi function with assignable buttons. Dimensions L134mm x W88mm x D24mm

ESX-KP1-P — Full English text LCD keypad for ESX series. Multi function with assignable buttons & built in prox reader for access control. Dimensions L134mm x W88mm x D24mm

KP-LCD-ST7OEM — Full English LCD keypad (slim OEM style). Compatible with ESL-2, ESL, Elite S & Elite S Lite. Dimensions L134mm x W88mm x D24mm

TRX KEYPAD-A — Wireless TRX keypad for the ESL-2 TRX KIT's. Includes an in-line 230V mains power supply and 2x CR2050 batteries. Dimensions L137mm x W124mm x D28mm

TRX KEYPAD-C — Wireless TRX keypad for the ESL-2 TRX KIT's. Includes rechargeable back plate and plug pack. Dimensions L137mm x W124mm x D28mm

ELITE 16 KP — 16 LED keypad for legacy systems. Version 4 & 5 Elite 16D compatible. Dimensions L137mm x W124mm x D28mm

ESL-2 Alarm Panel Accessories

Features

- 8/16 zones onboard
- Optional plug-in smartphone upgrade
- Optional plug-in dialler
- 4 Outputs (4 open collector & 1 NO/NC)
- NZ designed & manufactured
- Control & monitoring options available

ESL-2		ESL-2 manufactured PCB with 8 normal EOL zones (capable of 16 zone doubling). Outputs, 4x open collector & 1x NO/NC. 1A relay (all customisable)
ESL-2 APP POD		Plug on App/IP-Module for ESL-2 System. Requires EliteControl app ($15.00) on your smartphone
ESL-2 4G POD		Plug on 4G-IP module for cellular monitoring of the ESL-2 alarm system
ESL-2 DIAL POD		Plug on Dialler for ESL-2 System for land-line & third party monitoring
IP-MODULE		Universal LAN to PSTN reporting module for monitoring over internet. Can be put on any alarm panel. Pre-configured for App control
IP-LOOM		Allows remote ULD software programming of ESL-2 series . Requires IP-MODULE. Note requires advanced IT knowledge
ESL-2 RTC		ESL-2 board with real time clock

ARR14		Keypad bus loom (300mm). Easy fit hook up cable for keypads & radio receivers. Used with RX-16 MF4, MF9 & IP-MODULE
ARR15		Keypad bus loom (1500mm). Easy fit hook up cable for keypads & radio receivers. Used with RX-16 MF4, MF9 & IP-MODULE
RX-16 MF4		Bus controlled 433Mhz receiver. Works with the ESL-2 control panel. Dimensions L101mm x W65mm x D18mm
RX-16 MF9		Bus controlled 915Mhz receiver. Works with the ESL-2 control panel. Dimensions L101mm x W65mm x D18mm
RM-0001A KIT		2x 4 button RM-0001A remotes (433Mhz) & 1x RX-16 MF4 single frequency receiver. Works with ESL-2 control board to operate your garage door & more
RM-8003B KIT		2x 4 button RM-8003B remotes (915Mhz no cover) & 1x RX-16 MF9 single frequency receiver. Works with ESL-2 control board to operate your garage door & more
RM-8006B KIT		2x 4 button RM-8006B remotes (915Mhz) & 1x RX-16 MF9 single frequency receiver. Works with ESL-2 control board to operate your garage door & more

WiFi KIT

Pre programmed pair of wifi modules (1x master & 1x slave). Simply plug the master into your router & the slave into the IP-MODULE, connect the power for secure wireless path

WIFI LR-CPE300P-KIT

Long range outdoor wireless bridge with maximum transmission range of 1km. Supports POE solutions and plugpack included

EEPROM BD-U

Memory stick with the ability to store complete alarm programming & re-download into other installs

USB D-LINK

USB direct connect cable which comes with software for programming EliteControl Systems via your PC (PC only)

RS232-BD

Converts ESL-2 commands into universal RS232 protocol. Use this board to integrate the ESL-2 into your lighting control system

TRX TRANSCEIVER-PCB

Hardwire to an ESL-2 control panel & this board will allow all 2-Way wireless products to control & be controlled by the panel

TRX RM-KIT

2-way wireless transceiver & remotes. Kit includes 2x 4 button TRX PENDANT & 1x TRX TRANSCEIVER-PCB

TRX OUTPUT

2-Way wireless relay output (battery powered). This unit takes commands from the ESL-2 to operate 2 doors &/or gates via key code, zone inputs, time zone of hand held transmitter

ESL OUTPUT

4 x Relay Output Module for ESL-2 System providing up to 8 programmable outputs for garage doors, lighting, gates & more

NANO-O1

Mini single output expander that wires directly onto keypad bus of ESL-2 ONLY

NANO-OPT-RXC-ST

OPT-RXC-ST with mini zone expander that wires directly onto the keypad bus (for ESL-2 & ESX)

NANO-Z1

Mini zone expander that wires directly onto keypad bus of ESL-2 & ESX

CONTROL 4 INTERFACE

Interface card & drivers for ESL-2 to Control 4

EC-A2

Dual Wiegand Interface for ESL-2, ESX systems. 12VDC required, featuring 2 inputs & 2 outputs. Optional 1.4A plug in PSU available (EC-PSU)

WIEGAND-MINI

Wiegand Interface for ESL-2, ESX systems. 12VDC required, featuring 1 input & 1 output. Compatible with ESL-2 system

ESL-2 4G POD

Plug on 4G-IP Module for ESL-2 System. Primary cellular or cellular back up function. Compatible networks: 2 Degrees, Vodafone or Spark

4G-IP-MODULE

4G universal PSTN to DATA communicator for IP monitoring. Connects to ESL-2 & ESX panel (or any panel with CID)

LUX

12/24V AC/DC adjustable light level control board for LDR, with built in timer option. Dimensions L86mm x W71mm D25mm

LDR SENSOR IP65

LDR sensor in an IP65 box which works in conjunction with the LUX. Note can be used for external use. Dimensions L65mm x W60mm x D40mm

EC-TAMPER M

Tamper for EC Metal Cabinet Flush and Surface versions (EC-CAB MET F & EC-CAB MET S)

EC-CAB MET S

EC Surface Metal Cabinet Only (no transformer). Dimensions (lid) 388mm x 283mm x D99mm

EC-CAB MET F

EC Flush Metal Cabinet Only (no transformer). Dimensions (lid) 410mm x 307mm x D99mm

SCC-20

20" structured cabling cabinet (flush mount). Dimensions 355 x 575 x 90mm. Can be used with EC-SCC plates & expander modules

SCC-28

28" structured cabling cabinet (flush mount). Dimensions 725 x 355 x 90mm Can be used with EC-SCC plates & expander modules

EC-MET LOCK

Lock & Key for the EC-CAB MET (includes 2 x keys)

EC-SCC ADAPTER

Adapter Mounting Plate for ESL-2, ESX range (requires EC-SCC PLATE)

EC-SCC BATT

Battery Holder for Structured Cabling Cabinet (for 5, 7 & 9A batteries)

EC-SCC PLATE

Mounting Plate for Structured Cabling Cabinet

EC-SCC PSU

24VDC 2.2A Power Module with IEC for Structured Cabling Cabinet

EC-CAB

Plastic cabinet for ESL-2 system. Holds 12V 7.5A battery, supports 1.4A power supply & multiple board locations with clip in tabs. Dimensions L323mm x W293mm x D87mm

EC-CAB 1A

Plastic cabinet for ESL-2 system. Holds 12V 7.5A battery & multiple board locations. Includes 1.4A power supply with clip in tabs. Dimensions L323mm x W293mm x D87mm

EC-TAMPER P

Plastic cabinet tamper, compatible with EC-CAB & EC-CAB-1A

ELITE TRANS

1.4A transformer 17VAC compatible with EC-CAB and comes standard with all ESL-2 KIT's

ELITE TRANS-KIT

1.4A transformer 17VAC with plastic fuse terminal block & screws. Compatible with ESL-2 PLAS & EC-CAB
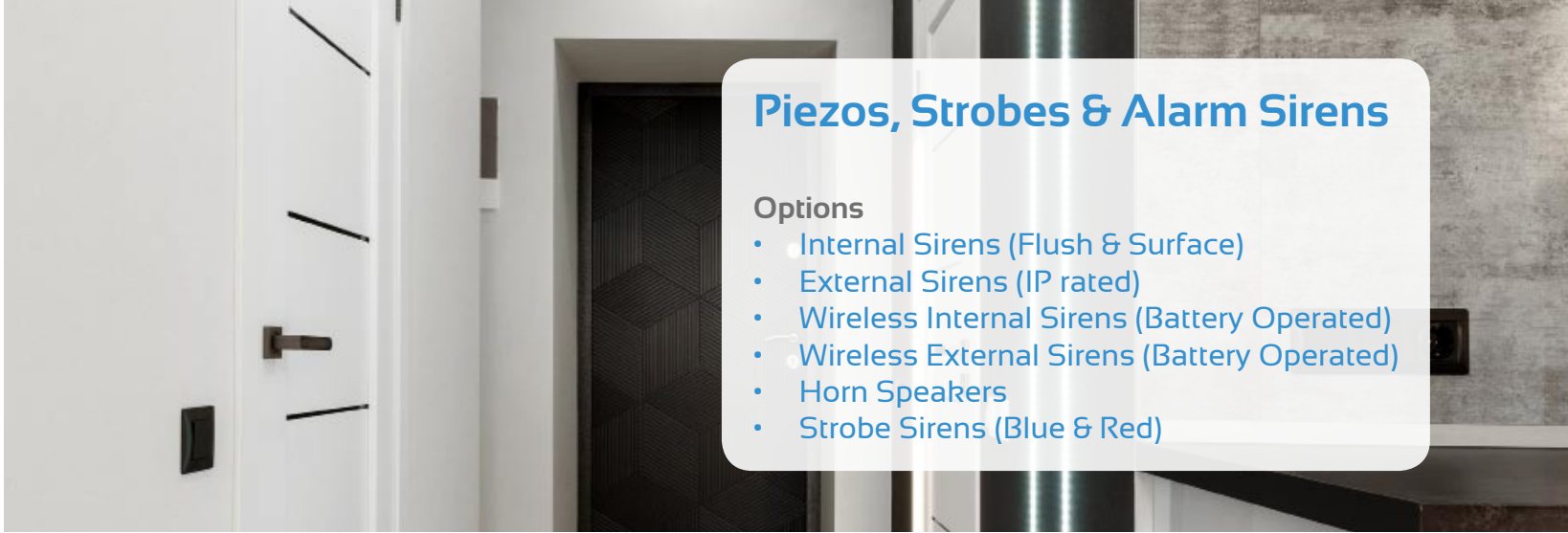
ELITE TRANS-KIT M

1.4A transformer 17VAC compatible with EC-CAB MET series. Includes terminal block & screws

WARNING STICKR

Red & white outdoor security warning sticker. Dimensions L158mm x W79mm

Piezos, Strobes & Alarm Sirens

Options
- Internal Sirens (Flush & Surface)
- External Sirens (IP rated)
- Wireless Internal Sirens (Battery Operated)
- Wireless External Sirens (Battery Operated)
- Horn Speakers
- Strobe Sirens (Blue & Red)

EK105

Top hat piezo surface mount (114dB & 120mA @12VDC). Dimensions dia. 86mm x D42mm

EK105-2T

Combo top hat piezo & chime with adjustable volume chime output (114dB & 230mA @ 12VDC). Dimensions dia. 86mm x D42mm

PS209

Surface mount internal piezo (114dB & 150mA @ 12VDC. Dimensions dia. 54mm x D47mm

PS209-R

Flush mount internal piezo (114dB & 200mA @12VDC. Dimensions dia. 76mm x D59mm

PS209-R2T

Combo flush mount piezo & chime with adjustable volume chime output (114dB & 230mA @ 12VDC). Dimensions dia. 75mm x D54mm

PS209-F

Flush mount internal (PDL style) piezo. (114dB & 200mA @ 12VDC. Dimensions L114mm x W70mm x D57mm

PS-SPEAKER-PRO

3" round in-ceiling speaker with protection circuit for ESX. Compatible with outputs 1 & 2 of all EliteControl panels (set to siren driver)

TRX INTERNAL

2-Way wireless internal siren. You can have up to 3 years on a single C-size lithium battery. Fully supervised which can provide a door chime from wireless call point or full alarm tones at 104dB

KS50

Outdoor high speed siren (120dB A weighted & 1.2A @ 12V)

SPL-50

12V red LED strobe siren 80dB. Diameter of 70mm

SPL-50B

12V blue LED strobe siren 80dB. Diameter of 70mm

LED LIGHT-F WHITE

Flashing white LED board. 12 - 16VDC 150mA (max). Dimensions L47mm x W42mm x D2mm

LED LIGHT-L

High & bright 24 white LED board. 12 - 16VDC 150mA (max). Dimensions L47mm x W42mm x D2mm

LED LIGHT WHITE

White LED board. 10 - 15VDC 80mA (max). Dimensions L47mm x W42mm x D2mm

EC-SIREN

White External siren / strobe 10-15 VDC 250MA Max. Compatible with the ESL-2 & ESX range

EC-SIREN B

Charcoal External siren / strobe 10-15 VDC 250MA Max. Compatible with the ESL-2 & ESX range

TRX EXTERNAL

2-Way wireless external siren strobe unit. Runs up to 3 Years on a single C-Size Lithium battery. Compatible with TRX TRANSCEIVER-PCB. Fully supervised, 104dB

SS-101NZ

High power siren with battery backup & flash light battery included. 13.6 - 14.4VDC constant supply voltage 250mA (max) @ 128dB. Dimensions 280mm x 195mm x 95mm

MEB/12

8 - 16V surface mount buzzer. Used in the RX-CHIME door minder system. Dimensions dia. 12mm x D7mm

2S3120L

9 - 15V surface mount piezo siren (leaded). Dimensions dia. 28mm x D10mm

Indoor & Outdoor Detection Devices

Options

- Internal Detectors
- External Detectors
- Ceiling mount 360° Detectors
- Pet Friendly
- Microwave
- Point to Point Photocells
- Domestic & Commercial Detectors

OPT-RXC-ST
Pet Friendly Passive Infrared Detector with Digital Quad Zone Logic

OPT-RXC-DT-X5
Combination PIR & Microwave Detector 10.525GHZ

OPT-VIBRO
Intelligent Microprocessor Controlled Shock Sensor

OPT-FMX-DT-X5
Combination PIR & Microwave Detector 10.525GHZ for Residential & Commercial Installations

OPT-FX-360
Cost Effective 360° Ceiling Mount Passive Infrared Detector

OPT-QXI-ST
Wide Angle Passive Infrared Outdoor Detector with Selectable Mounting Height & Pattern

OPT-QXI-DT-X5
Combination PIR & Microwave Wide Angle Passive Infrared Outdoor Detector 10.525GHz

OPT-LX-402
Outdoor Passive Infrared Detector IP54

OPT-CX-702
Passive Infrared Indoor Detector for Harsh Environments

OPT-SX-360Z
360° Ceiling Mount Passive Infrared Detector 18m Diameter Coverage

OPT-AX-200TN
Short range Photoelectric Twin Beam 60m, IP65

OPT-VXI-ST
Outdoor PIR with Spot & Area Detection and Double Conductive Shielding IP55

OPT-BXS-ST
Outdoor Boundary Detector with Quad PIR Sensors 2 on each side (up to 40ft Detection per side) IP55

OPT-WXI-ST
180° Panoramic Outdoor Detector IP55

OPT-VXI-DAM-X5
Outdoor PIR & Microwave 10.525GHZ Detector with Anti-Masking IP55

OPT-HX-40DAM
High Mount Dual PIR & Microwave Detector 10.525GHZ for Exterior Use IP55

OPT-SL-650QN

Outdoor 200m Photoelectric Detector IP65, includes Quad Beam with Aspherical Lenses

OPT-RXC-BKT

Mounting bracket for RXC detectors. Includes 90° swivel ball bracket

OPT-CA-2C

Multi Angle Ceiling mount bracket for CX-702 series

OPT-CA-1W

Multi Angle Wall mount bracket for CX-702 series

SWAN QUAD

Quad element pet friendly PIR, rated up to 25kg. Optimum mounting height 2.1m. Wide angle lens, detection range 18m & mounting bracket available

SWAN QUAD N/O

Quad element pet friendly PIR with normally open contacts. Ideal for use with car alarms

PDM-112

Siemens mirror optic 40kg pet PIR. Optimum mounting height 2.2m. Detection range 12m. Note: must purchase PO-CL to make pet friendly

QUIP-1000S

Microwave pet friendly PIR, rated up to 25kg. 9.9GHz with optimum mounting height of 2.1m

QUIP-1000

Microwave pet friendly PIR, rated up to 25kg. 10.525GHz with optimum mounting height of 2.1m

SWAN BKT

Wall mount bracket for the SWAN QUAD, offers a 90 degree swivel for the PIR

SWAN PGB

Pet friendly PIR, rated up to 25kg with built in shock & glass break detector. Optimum mounting height of 2.1m

CRTL360

Ceiling mounted 360 degree PIR. Max installation height 3.6m & max coverage dia. 20m. Dimensions dia. 110mm x D40mm

SRX360 X

Dual tech 360 degree microwave PIR detector. Max installation height up to 3.6m and 20m dia. coverage when at 3.6m. Dimensions dia. 130mm x D45mm

CRDDOO

Double & dual outdoor PIR. 15m (max) coverage, optimum mounting height of 2.1m

B-PUPILLA.T

12-24V AC/DC surface mount point to point beam, with 20-25m range. Dimensions L113mm x W35mm x D30mm. IP44 rated

B-PUPILLA XP20D

24V AC/DC surface mount point to point beam, battery powered on one side

JN-DCA-20

Solar powered point to point 20m infrared photobeam (wireless 433Mhz). Often used with JN-CHIME for gate entry alert. Transmits up to 500m clear-line of sight

JN-DCA-60

Solar powered point to point 60m infrared photobeam (wireless 433Mhz). Often used with JN-CHIME for gate entry alert. Transmits up to 500m clear-line of sight

JN-DCA-200

Solar powered point to point 200m infrared photobeam (wireless 433Mhz). Often used with JN-CHIME for gate entry alert. Transmits up to 500m clear-line of sight

JN-P01

Solar boost power source for JN-DCA series of beams

MD2010

Loop metal detector 12 - 24VDC or 16 - 24V AC. Delivers precise vehicle detection when accompanied with an in ground loop. No remote or keypad required

A-PROBE KIT

AAP ground probe kit for vehicle detection. Kit includes 1x A-PROBE with 25m pre-made IP rated cable & 1x A-CONTROLLER

A-PROBE

AAP ground probe for vehicle detection. Requires A-CONTROLLER. Dimensions dia. 34mm x L440mm

A-CONTROLLER

Dual Channel Ground Probe Controller 12-24VAC/DC

CRGBDII

Glass break, vibration sensor. 9-16VDC with a detection range of 10m. Integrates with ESL-2 KIT's

GM730

Siemens seismic detector, perfect for mounting on safes. Dimensions L89mm x W89mm x D23mm

GMXP0

Mounting plate for GM730. Dimensions L91mm x W91mm x D5mm

Wireless Detectors

Reed Switches

Features & Options
- Low Voltage Contacts (No Mains)
- Surface Mount Options
- Flush Mount Options
- Premium Rhodium Contacts
- Commercial & Residential Options
- Garage Door & Window Contacts

DFW-433

Pet friendly up to 25kg, supervised 433Mhz wireless PIR (freewave protocol). Compatible with ESL-2 system & RX-16 MF4

132WH

Surface reed switch SW-SPDT (white). 130VDC 50mA max with a 19mm gap, self adhesive or screw

DFW-915

Pet friendly up to 25kg, supervised 915Mhz wireless PIR (freewave protocol). Compatible with ESL-2 system & RX-16 MF9

142SP

Flush reed switch SW-SPDT (white). 130VDC 50mA with a 12mm gap. Used for residential doors & windows

SP200

Flush door contact with NC contacts. 130VDC 50mA with 19.05mm gap. Used for industrial garage doors

HM-FW-433

Wireless 433Mhz smoke detector (freewave protocol). Compatible with the ESL-2 system & RX-16 MF4

39RSP-BR

Surface reed switch with NC contacts. 130VDC 50mA with a 25mm gap. Used for commercial doors & windows

41SP-WH

Surface reed switch with SPDT (white). 130VDC 50mA with a 30mm gap. Used for commercial doors

HM-FW-915

Wireless 915Mhz smoke detector (freewave protocol). Compatible with the ESL-2 system & RX-16 MF9

90SP

Mini surface reed switch with NC contacts. 130VDC 50mA with a 15mm gap. Used for residential purposes

BP-30

Surface reed switch with NC contacts. 130V/DC 50mA with a 19mm gap, self adhesive or screw. Used for residential doors & windows

BP-50

Flush reed switch with NC contacts. 130V/DC 50mA with a 12mm gap. Used for residential doors & windows

400SP

Surface reed switch with NC contacts. 130V/DC 50mA with a 50mm gap. Used for commercial doors
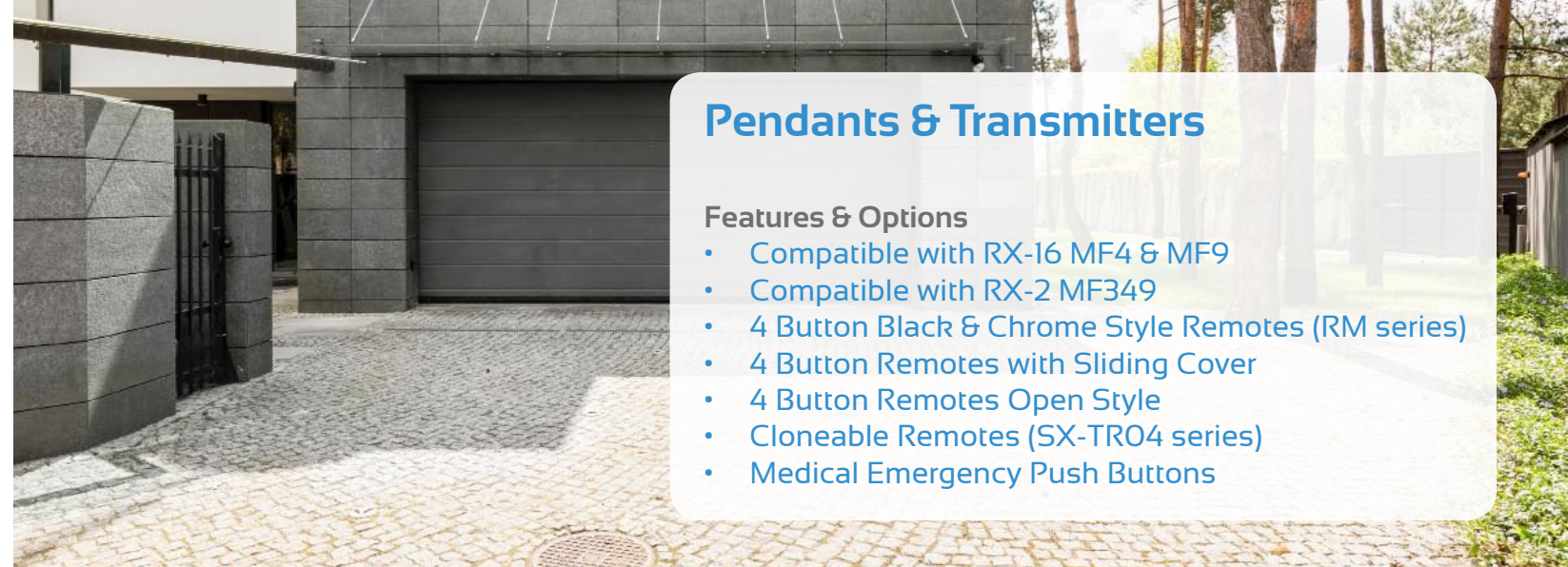
SP-3000A

Surface reed switch with wide 2.25 inch gap. Comes with adjustable magnet, ideal for garage doors

500SP

Surface reed switch with NC contacts. 2.5 inch gap & metal enclosure. Used for industrial garage doors

Pendants & Transmitters

Features & Options
- Compatible with RX-16 MF4 & MF9
- Compatible with RX-2 MF349
- 4 Button Black & Chrome Style Remotes (RM series)
- 4 Button Remotes with Sliding Cover
- 4 Button Remotes Open Style
- Cloneable Remotes (SX-TR04 series)
- Medical Emergency Push Buttons

TRX PENDANT

Hand held 4 button 2-Way wireless transmitter for Arming, Disarming & Output control. Contains 1x CR2032 battery

RM-0001A

Black & chrome 4 button remote 433Mhz (no cover). Includes 1x A27 battery. Compatible with RX-2 MF349 & RX-16 MF4

RM-8003B

Black & chrome 4 button remote 915Mhz (no cover). Includes 3x CR2016 batteries. Compatible with RX-2 MF349 & RX-16 MF9

RM-8006B

Black & chrome 4 button remote 915Mhz (with cover). Includes 3x CR2016 batteries. Compatible with RX-2 MF349 & RX-16 MF9

SX-TR04/433

4 button 433Mhz blue remote (can be coded alike). Includes 1x A27 battery. Compatible with RX-2 MF349 & RX-16 MF4

MEDI TX-915-SN

Waterproof medical transmitter in 915Mhz. Comes as a kit with either neck cord or wall bracket (to screw to wall, SN protocol). Compatible with RX-2 MF349 & RX-16 MF9

TX-1/433

Waterproof IP65 single button 433Mhz transmitter in box with battery. Compatible with RX-2 MF349 & RX-16 MF4

TX-1/916.5

Waterproof IP65 single button 916.5Mhz transmitter in box with battery. Compatible with RX-2 MF349 & RX-16 MF9

TX-OCTA

8 channel 915Mhz fixed transmitter in a box. Works with the RX-OCTA receiver. Dimensions L118mm x W78mm x D31mm

Radio Receivers & Decoders

Features & Options
- Multi Frequency Receivers
- Standalone Receivers
- Receivers Compatible with the ESL-2 Panel
- Standalone Internal Receiver with Piezo Sounder
- ABS Receiver Box Available for RX Receiver's
- Works with the RM & SX Remotes

RX-2 MF349

2 channel standalone multi frequency receiver (303, 433 & 915Mhz). 12-24V AC/DC. Dimensions L101mm x W65mm x D18mm

RX-16 MF4

Bus controlled 433Mhz receiver. Works with the ESL-2 control panel. Dimensions L101mm x W65mm x D18mm)

RX-16 MF9

Bus controlled 915Mhz receiver. Works with the ESL-2 control panel. Dimensions L101mm x W65mm x D18mm)

TRX TRANSCEIVER-PCB

Hardwire to an ESL-2 control panel & this board will allow all 2-Way wireless products to control & be controlled by the panel. Compatible with ESL-2 only

JN-CHIME

Standalone chime for JN-DCA beams. Includes 6 functions, relay & 12V DC 2A plugpack (PS12200OPP)

ABS BOX

Receiver box compatible with RX-2 & RX-16 MF4 & MF9 receiver boards

Elsema Wireless Range

Features & Options

- Single Channel Transmitters & Receivers
- Multi Frequency Transmitters & Receivers
- 433Mhz & 915Mhz Available
- Handheld & Fixed Options
- Battery Operated & Hardwired Options
- Long Distance Transmission

GLT43301
1 channel 433Mhz handheld transmitter. Includes 9V alkaline battery

GLT43302
2 channel 433Mhz handheld transmitter. Includes 9V alkaline battery

GLT43303
3 channel 433Mhz handheld transmitter. Includes 9V alkaline battery

GLT43304
4 channel 433Mhz handheld transmitter. Includes 9V alkaline battery

GLT43308
8 channel 433Mhz handheld transmitter. Includes 9V alkaline battery

GLT4330112E
1 channel fixed transmitter, compatible with the GLR series. Must have ANT433 antenna

GLT4330812E
8 channel fixed transmitter, compatible with the GLR series. Must have ANT433 antenna

GLR43301
1 channel 433Mhz receiver, compatible with the GLT series 12 - 24V

GLR43301240
1 channel mains 433Mhz receiver, compatible with the GLT series

GLR43302
2 channel 433Mhz receiver, compatible with the GLT series 12 - 24V

GLR43303
3 channel 433Mhz receiver, compatible with the GLT series 12 - 24V

GLR43304
4 channel 433Mhz receiver, compatible with the GLT series 12 - 24V

GLR43308 12R
8 channel 433Mhz receiver, compatible with the GLT series 12 - 24V. Includes relay outputs

ANT433M
433Mhz antenna for Gigalink series transmitters & receivers. 94cm long with cable & SMA connector

ANT433S
433Mhz antenna for Gigalink series transmitters & receivers. 35cm long with cable & SMA connector

MCT91512 — 12 channel multicode 915Mhz transmitter, compatible with the MCR series (no case)

MCR91512R — 12 channel 915Mhz receiver, compatible with MCT range & includes relay output. 10 - 28V AC/DC

MCT91516 — 16 channel 915Mhz multicode transmitter, compatible with the MCR series

MCR91516R — 16 channel 915Mhz receiver with relay outputs. SMA 10 - 28V AC/DC, compatible with the MCT range

FOB43301 — 1 channel keyring PentaFOB transmitter with 5 frequencies, compatible with the PCR range

FOB43302 — 2 channel keyring PentaFOB transmitter with 5 frequencies, compatible with the PCR range

FOB43304 — 4 channel keyring PentaFOB transmitter with 5 frequencies, compatible with the PCR range

FOB43305 — 5 channel keyring PentaFOB transmitter with 5 frequencies, compatible with the PCR range

PCR43301RE — 1 channel Penta receiver with relay output and 5 frequencies, compatible with the FOB series

PCR43304R — 4 channel Penta receiver with relay output and 5 frequencies, compatible with the FOB series

PCR43305R — 5 channel Penta receiver with relay output and 5 frequencies, compatible with the FOB series

EliteControl Monitoring

Features & Options
- Universal 4G Monitoring Unit
- GSM Gate Openers
- App Control Through Your Smartphone
- Monitoring Over The Internet
- Universal App Control On Any Alarm
- Monitor Your Alarm With Your Smartphone

ESL-2 4G POD
Plug on 4G-IP Module for ESL-2 System. Primary cellular or cellular back up function. Compatible networks: 2 Degrees, Vodafone or Spark

4G-IP-MODULE
4G universal PSTN to DATA communicator for IP monitoring. Will send either an email or text message to your phone

IP-MODULE
Universal LAN to PSTN reporting module for monitoring over internet. Can be put on any alarm panel. Pre-configured for App control

IP-LOOM
Allows remote ULD software programming of ELITE S series. Requires the IP-MODULE & setup involves advanced IT knowledge

ANT-MB-49A
500mm 7 band 7dBi whip antenna with magnetic base. 3m cable SMA 824-960/ 1710-1990/2170Mhz

ANT-R34S
45mm antenna with SMA male swivel connector, compatible with both GSM & 4G modules

ESL-2 APP POD
Plug on App/IP-Module for ESL-2 System. Requires ELITE CONTROL app ($15.00) on your smartphone

ELITE CONTROL
Available from the app Store or Google Play (requires IP-MODULE or ESL-2 APP POD)

ESL-2 DIAL POD
Plug on Dialler for ESL-2 System for land-line & third party monitoring

Consider adding the **ESL-2 APP POD** to your system

EliteControl Functions

Arm/Disarm
Stay in Arm/Disarm
Glass Break Sensor
Window Sensor
Indoor Sensor
Outdoor Sensor
Door Sensor
Garage Door Sensor
Smoke Detector
Heat Sensor

Plug in network module for ESL-2 security & control systems
- Plug & Play
- Pre Programmed
- App or IP Monitoring
- Push Notification Alerts
- Apple or Android Compatible

Access Control

Intelligent & Secure Control

Access Control

Features & Options
- 2 Door Access Control Systems
- Standalone 2 Door Control
- Integrated Access Control with the ESL-2 panel
- IP Rated Stainless Steel Keypads
- IR Rated Reader Only Keypads
- Built In Proximity Reader Keypads
- Prox Card & Prox Keytag Options Available

Section Includes

Access Keypads

Touch & Emergency Egress

Dual Interface for ESL-2 & ESX

Standalone Interface Control

Product	Description
PW KEYPAD-XK1	Standalone stainless steel outdoor keypad (IP65). 12 -24V with built in prox reader. Dimensions 115mm x 75mm x 22mm
PW KEYPAD-XK4	Standalone stainless steel outdoor keypad (IP65). 12 -24V with built in prox reader. Dimensions 134mm x 56mm x 21mm
EC-A2	Dual wiegand interface for ESL-2 & ESX systems. 12VDC required, includes 2 inputs & 2 outputs with optional 1.4A PSU (EC-PSU)
PW WIEGAND	Outdoor keypad reader with built in prox/pin (IP66). 40 bit wiegand white backlit keypad, compatible with the EC-A2
PW WIEGAND KIT	2 door access control kit, includes 1x PW WIEGAND & 1x EC-A2 interface board. Compatible with ESL-2 series
PW WIEGAND-SK1	40 bit wiegand 8-18VDC keypad. IP65 with blue backlit keys & built in prox reader. Used with EC-A2
WIEGAND-MINI	Wiegand Interface for ESL-2 & ESX systems. 12VDC required, featuring 1 input & 1 output. Compatible with ESL-2 system

EliteControl
www.aap.co.nz

CPT-10T-W KIT

2 door access control kit, includes 1x PW WIEGAND-SK1 & EC-A2 interface board. Compatible with ESL-2 series

PW WIEGAND-SK4

40 bit wiegand 8-18VDC keypad (architrave style). IP65 with blue backlit keys & built in prox reader. Used with EC-A2

CPT-12DT-W KIT

2 door access control kit, includes 1x PW WIEGAND-SK4 & 1x EC-A2 interface board. Compatible with ESL-2 series

PW WIEGAND-NK

40 bit outdoor wiegand reader with built in prox. IP66 outdoor ready and compatible with EC-A2

AC2-W

2 door standalone access controller (12VDC only). 500 user code slots & 500 prox tag slots. Compatible with the PW-KEYPAD range

AC2-W KIT 10T-W

Standalone access control kit, includes 1x AC2-W & 1x PW WIEGAND-SK1

AC2-W KIT 12DT-W

Standalone access control kit, includes 1x AC2-W & 1x PW WIEGAND-SK4

AC2-W KIT

Standalone access control kit, includes 1x AC2-W & 1x PW WIEGAND

DWD30

Cable protector with plastic ends (stainless steel). 6.2 dia. 300mm length

DWM300

Cable protector with metal box ends (stainless steel). 8mm dia. 300mm length

PROX CARD

Proximity card compatible with the PW & CPT series keypads. Dimensions L86mm x W54mm x 1mm

PROX EM4100

Proximity tumbler keytag (blue). Compatible with PW & CPT series keypads

PRESCO TAGS

Presco proximity keytag (grey). Compatible with PW & CPT series keypads

EM4102

20mm proximity tag (clear disc). Compatible with PW & CPT series keypads & can be fitted in the RM remotes

AT2-PCB

Universal timer board 5V -30V DC with 9 selectable time modes. Dimensions 63 x 37 x 20mm

	AAP-TOUCH	Multi function capacitive exit button for egress in access control applications. 10-28VDC 50mA current draw
	AAP-EM	Multi function mechanical exit button for emergency egress in access control applications.. 10-28VDC 50mA current draw
	AAP-COVER	Protective cover for the AAP-EM
	AAP-PANIC	Latching panic plate, with DPDT 2A contacts, buzzer and back light. 10-28VDC 50mA current draw
	WES 1910	Small stainless steel press to exit push button. Flush IP65, includes WEB1910 push button & WEBS19 face plate
	WEL 1911	PDL stainless steel blue illuminated exit push button. Flush IP65, includes WEB1911 push button & WEBL19 face plate
	WEL2220	Stainless steel exit push button with mushroom green push button. NO/NC contacts
	WEL-SMB	Outdoor surface mount exit button with LED indicator. Dimensions H60mm x W30mm x D26mm

Mag Locks, Strikes & Door Holders

Features & Options
- Cobalt Locks & V-Locks
- Dropbolts
- Mag Locks both Indoor & Outdoor Rated
- Brackets to match, both L & ZL Options
- Door Holders for Access Control
- Reliable Access Control Locks
- Your Full Range of Access Control Options

	FSHFEL990M	12/24V mortice lock - Fail safe/Fail secure 60mm back-set
	FSHR40PCV-12	12V magnetic door holder 25kg - floor mounted
	FSHR40PCV-24	24V magnetic door holder 25kg - floor mounted
	GK310-1224	12/24VDC Electric Strike - Changeover Fail Safe/Fail Secure
	FSHR40-12ARM	Armature plate only for FSH door holders
	FSHR40-12	12V 25Kg door holder - Wall mount
	FSHR40-24	24V 25Kg door holder - Wall mount

FSHR40PCH-12	12V 25Kg door holder - wall mount with extension	
YM-180W	180Kg 12/24VDC weather resistant magnetic clamp for pedestrian gates	
FSHFEM3500M	280Kg single magnetic lock - monitored	
FSHFEM4700FS-LSS	380Kg single magnetic lock - weather resistant - monitored	
FSHFEM3500DM	560Kg double magnetic lock - monitored	
FSHFEM5000G	630Kg single magnetic lock - weather resistant	
FSHFEM5700M	580Kg single magnetic lock - monitored	
FSHFEM5700DM	500Kg double magnetic lock - monitored	
YM-280DS	280Kg 12/24VDC single door magnetic clamp	

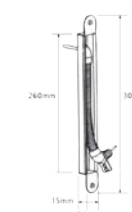|	
ABK-280ZL	ZLC bracket for inward doors use with YM-280DS
FSHFEM3500FM	280Kg single flush mount magnetic lock
FSHFES10	12/24V electric strike lock - weather resistant - ANSI IP56
FSHFES20	12/24V electric strike lock - high security for commercial premises
ABK-180ZL	Weather resistant ZL bracket, compatible with the YM-180W
FSHAMGB4-12	Glass door bracket for FEM3500M - 12mm glass
FSHAMZB4-LP	ZL bracket for single mag lock, suits: FEM3500,3500M,4700FS
FSHAMZB1-LPDSS	ZL bracket for single mag lock suit: FEM5700M
FSHIRT881SSS	Recessed cable transfer for mortice locks 300mm

Intercoms

Always Connected

Section Includes

IP Intercoms

Video & Audio Intercoms

Apartment Intercoms

Multiple Mounting Options

Intercoms

Features & Options
- Residential Intercom Systems
- Apartment Intercom Systems
- Monitors with Photo Capture Function
- Gate Stations with Integrated Keypads
- Stainless Steel IP Rated Gate Stations
- Your choice of External Gate Station & Internal Monitor

CPT-MON-3
Silver 3.5 inch LCD monitor. Compatible with the CPT-GATE series. Dimensions L190mm x W122mm x D28mm

CPT-MON-8B
Black 7 inch LCD touch panel LCC monitor. Features memory module that stores images of all visitors. Also has built in pager function. Dimensions L208mm x W150mm x D18mm

CPT-MON-8W
White 7 inch LCD touch panel LCC monitor. Features memory module that stores images of all visitors. Also has built in pager function. Dimensions L240mm x W160mm x D18mm

CPT-GATE-A
Silver video & audio gate station with back lit access control keypad. Capable of holding upto 40 users. Compatible with the CPT-MON range. Dimensions L180mm x W76mm x D60mm

CPT-GATE-B
Video & audio gate station compatible with the CPT-MON range. Dimensions L130mm x W55mm x D40mm

CPT-GATE B SHROUD
Surface mount shroud for CPT-GATE-B. Dimensions L120mm x W55mm x D38mm

CPT-GATE-E
Silver video & audio gate station with back lit access control keypad (flush mount). Compatible with the CPT-MON range. Dimensions L195mm x W100mm x D5mm

CPT-GATE E SHROUD
Surface mount shroud for CPT-GATE-E. Dimensions L202mm x W108mm x D54mm

DoorBird
Technology meets Design.

COMPETITION

CPT-GATE F KP (3)
3 apartment flush mount call station with access keypad & up to 40 users. Brushed stainless steel & blue back lit keys. Works with the CPT-MON series. Dimensions L280mm x W100mm x D55mm

CPT-GATE F(4)
4 apartment flush mount call station, expandable with CPT-GATE F (6) & (9) series. Brushed stainless steel & blue back lit keys. Works with the CPT-MON series. Dimensions L280mm x W100mm x D55mm

CPT-GATE F(6)
6 apartment flush mount call station, expandable with CPT-GATE F (4) & (9) series. Brushed stainless steel & blue back lit keys. Works with the CPT-MON series. Dimensions L280mm x W100mm x D55mm

CPT-GATE F(9)
9 apartment flush mount call station, requires CPT-GATE F KP (3). Brushed stainless steel & blue back lit keys. Works with the CPT-MON series. Dimensions L280mm x W100mm x D55mm

CPT-GATE F SHROUD
Surface mount shroud for CPT-GATE-F. Dimensions L290mm x W110mm x D50mm

CPT-GATE C SHROUD
Surface mount shroud for CPT-GATE-C. Dimensions L130mm x W98mm x D45mm

CPT KIT A8-B
Video & audio intercom kit. Capable of 4x monitors & 2x gate stations (max). Includes CPT-MON-8B, CPT-GATE-A & WELL-LPV-20-15

CPT KIT A8-W
Video & audio intercom kit. Capable of 4x monitors & 2x gate stations (max). Includes CPT-MON-8W, CPT-GATE-A & WELL-LPV-20-15

CPT KIT B3
Video & audio intercom kit. Capable of 4x monitors & 2x gate stations (max). Includes CPT-MON-3, CPT-GATE-B & WELL-LPV-20-15

CPT KIT B8-B
Video & audio intercom kit. Capable of 4x monitors & 2x gate stations (max). Includes CPT-MON-8B, CPT-GATE-B & WELL-LPV-20-15

CPT KIT B8-W
Video & audio intercom kit. Capable of 4x monitors & 2x gate stations (max). Includes CPT-MON-8W, CPT-GATE-B & WELL-LPV-20-15

CPT KIT E8-B
Video & audio intercom kit. Capable of 4x monitors & 2x gate stations (max). Includes CPT-MON-8B, CPT-GATE-E & WELL-LPV-20-15

CPT KIT E8-W
Video & audio intercom kit. Capable of 4x monitors & 2x gate stations (max). Includes CPT-MON-8W, CPT-GATE-E & WELL-LPV-20-15

DB-D101
IP video door station with smartphone push and wifi/Ethernet. White edition

DB-D101S
IP video door station with smartphone push and wifi/Ethernet, Stainless steel edition

DB-D2101KV
IP video door station with smartphone push. Stainless steel flush edition with integrated access keypad

DB-D2101KV HOUSE V4
Surface mount housing box for DB-D2101KV & DB-D2101KV V4 IP Intercom (Salt Water Version)

DB-D2101KV V4
IP video door station with smartphone push. Stainless steel flush edition with integrated access keypad (Salt Water Version)

DB-A1101
Indoor IP video station comes standard as surface mount. Use DB-A8003 for table stand

DB-A8003
Optional table stand for IP Video Indoor Station DB-A1101

DB-D1101V-Flush
Mini IP intercom video door station, surface mount stainless steel metallic finish. Single push button

DB-D2101V

IP video door station. Flush Stainless Steel Brushed V2A. Includes 1x call button

DB-D21DKH

IP video door station, brushed stainless steel, flush mounted (Horizontal), display module, keypad module. Enquire for stock availability

DB-D21DKV

IP video door station, brushed stainless steel, flush mounted (Vertical), display module, keypad module. Enquire for stock availability

DB-D2101WV

IP video door station with 1 call button. The unit also has an integrated "Touch-free" module to remove the need to touch the door station. Perfect for high public traffic areas

DB-A1071

2-Wire Ethernet POE Converter compatible with DoorBird intercoms
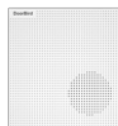
DB-A1061W

IP internal door chime compatible with DoorBird IP intercoms. White edition. Note: lead time may apply

CPT-PILLAR

Keypad/intercom goose neck plinth, polished stainless steel. Dimensions L1600mm x dia. 50mm. Mounting plate L110mm x W55mm

WELL-LPV-20-15

15V 1.3A switch mode power supply in IP67 case. 100 - 240VAC input. Dimensions L116mm x W34mm D27mm

Gate Automation

Complete Automation
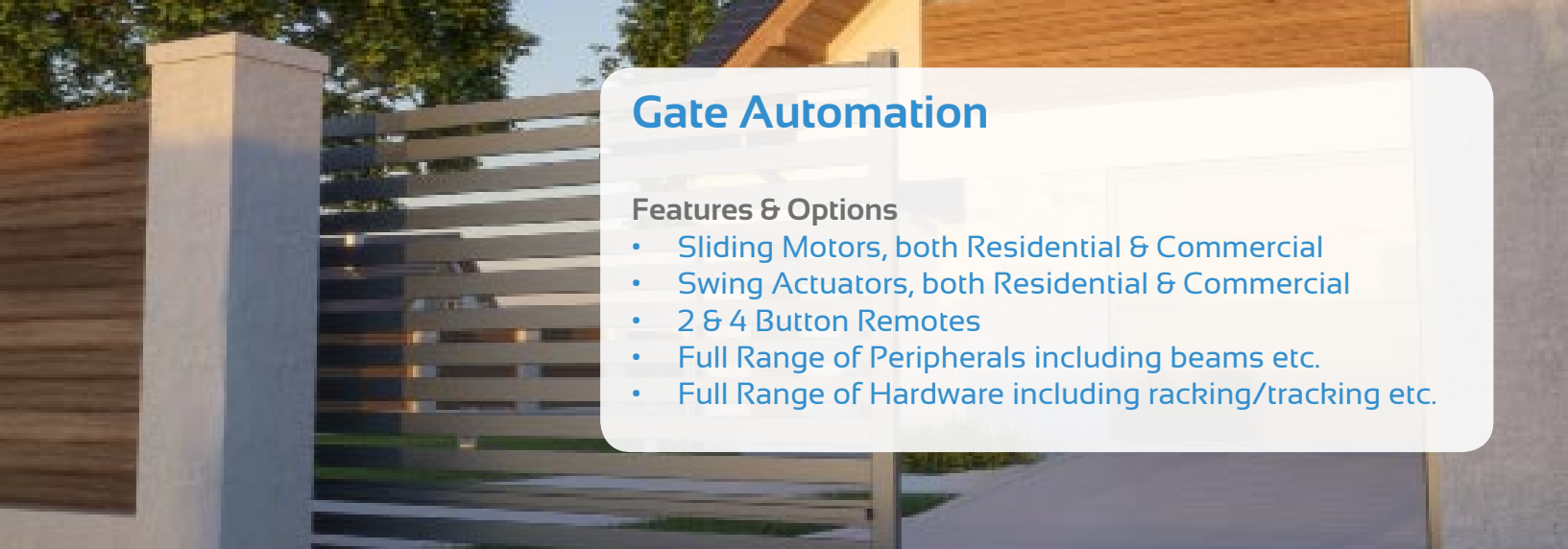
Section Includes

- Swing Gate Actuators
- Sliding Gate Actuators
- Residential Actuators
- Commercial Actuators
- Full Range of Accessories

BENINCA
TECHNOLOGY TO OPEN

Gate Automation

Features & Options
- Sliding Motors, both Residential & Commercial
- Swing Actuators, both Residential & Commercial
- 2 & 4 Button Remotes
- Full Range of Peripherals including beams etc.
- Full Range of Hardware including racking/tracking etc.

B-BULLTURBO-KIT

Kit includes 24V B-BULL624 TURBO sliding gate motor & controller, 2x B-TO.GO2VA & 4x B-197.1 nylon racking

B-BOB3024E.P

Kit includes 24V 2x B-BOB3024E screw drive actuators, B-BRAINY24 controller, B-PUPILLA & 2x B-TO.GO2VA remotes

B-BOB3024E

24V screw drive actuator with mechanical stops. Requires B-BRAINY24 and used for gates up to 3m leaf. Intensive use duty cycle, 1800N thrust

B-BSR

Adjustable mounting bracket for linear actuators. Compatible with the B-BOB30 series

B-BOB5024

24V screw drive actuator with mechanical stops. Requires B-BRAINY24 and used for gates up to 5m leaf. Intensive use duty cycle, 2200N thrust

B-BACK UP SWING

Battery Back Up kit for Beninca 24V Swing Automation

B-BSR50

Bolt on bracket for linear actuators. Compatible with the B-BOB50 series

B-HD35AC

230VAC hydraulic actuator with mechanical stops. Requires B-BRAINY230 and used for gates up to 3.5m at 500kg. Intensive use duty cycle, 4200N thrust

B-HD50AC

230VAC hydraulic actuator, used for gates up to 5m leaf. Includes hydraulic stops in open & close. Intensive use duty cycle, 4200N thrust. Requires B-BRAINY230

B-PR45E24

24V hinge arm with built in limit switches. Arm not included, you require B-DUE2 and used for gates up to 4m leaf. Intensive use duty cycle, 320Nm torque

B-DUE2

Galvanised steel hinge arm for articulated arm actuators. Compatible with B-PR45E & B-PR45E24

B-BACK UP SLIDE

Battery Back up kit for Beninca 24V Slide Automation

B-BULL624TURBO

24VDC sliding gate motor for gates up to 600kg & 25m/min. Includes built in limit switches & receiver/controller

B-BULL1224

24V sliding gate motor for gates up to 1200kg. Duty cycle 80% with 390N max thrust. 115VAC/230VAC power supply. 3A max absorbed current

B-BISON25 OTI

230V sliding gate motor for gates up to 2500kg with built in limit switches. Built in controller & receiver with intensive duty cycle

B-Viro

12V Strike for swing driveway & pedestrian gates & 35mm lock Cylinder (vertical mount)

B-Viro-Horizontal

12V Strike for swing driveway & pedestrian gates & 35mm lock Cylinder (horizontal mount)

B-BULL.PI

Raised Mounting Plate for B-BULL20M & BULL1024

B-MLS

Magnetic Limit Switch kit for sliding gate actuators

B-ONE.2WB

433Mhz 2 channel universal receiver in a box compatible with Beninca remotes (both 2 & 4 button)

B-197.1

Nylon racking for Beninca sliding gates. Dimensions L1000mm x W28mm D22mm. Compatible with B-BULL motors

B-192.1

Metal racking for Beninca sliding gates. Dimensions L1005mm x W30mm x D12mm. Compatible with B-BULL motors. Spacers sold separately

B-192.1 Spacer

Metal spacer to go with the B-192.1 racking. Note you require 3 spacers for 1 x B-192.1

METAL PIN

Metal pin anchor for B-192.1 racking. Dimensions 6.5mm x 50mm

B-RI.M4Z

Galvanised gear racking for commercial sliders. Dimensions L2000mm x W22mm D22mm. Note requires on-site fabrication

B-186.3

3m U-Section 16mm gate tracking for sliding gates. Compatible with 20mm wheels and the B-BULL motors. Note: oversized freight cost may apply

B-111.80

80mm U-Section gate wheels (20mm). Compatible with the B-BULL motors

B-111.100

100mm U-Section gate wheels (20mm). Compatible with the B-BULL motors

B-213.3B

2 roller guide plate (bolt on). Compatible with sliding gate motors

B-417.20

Swing gate hinge, adjustable 70mm wide with 20mm thread. Compatible with swing gates

B-247.2

Bolt down end stop for Beninca swing & slide gate motors

B-530.0

Gate stops to be cemented for swing gates. Compatible with B-BOB & B-BILL swing actuators

B-535.2

Gate stop for B-BOB swing gates (bolt on)

B-BE.CODE

Wireless keypad for controlling automated systems. Max 254 different codes linking the device to your receiver

B-DU.FCN

Waterproof limit switch device for DU.IT24 underground actuator series

B-SB.DUITL

Unlocking kit includes unlocking system with hex key & components to connect the motor to the gate. Mechanical stop included

B-DU.ITIX

Self supporting stainless steel foundation box, max opening of 110 degrees. Comes only with cover, requires an unlocking accessory

B-DU.IT24NVE

24V underground motor for swing gates up to 3.5m. Built in encoder to ensure maximum safety & precision in the gate moving phase

B-KEY

Master keys for Beninca motors, key range from 1171 - 1180 (pack of 10)

B-IRI.LAMP

Universal LED flashing light. Also comes with blinking function as standard. Includes inbuilt aerial

B-SC.M72

Mechanical Safety Edge 2 Metres

B-BOB.BUSH

Whole bush for the B-BOB screw drive actuator series

B-PUPILLA.T

12-24V AC/DC surface mount point to point beam, with 20-25m range. Dimensions L113mm x W35mm x D30mm. IP44 rated

B-PUPILLA XP20D

24V AC/DC surface mount point to point beam with battery on one side of the beam

B-FTC.S

24V AC/DC safety beam set. Fits in commercial sliders including B-BISON. Dimensions L90mm x W75mm x D30mm

B-COL.P

Pair of columns in anodised aluminium with Base Height 0.5M. Compatible with B-PUPILLA series

B-CBY.24V

Battery charger card for CBY.24V, bracket not included. Used for battery charging

B-BRAINY BOX

Plastic box only for Brainy controller. Dimensions L285mm x W220mm x D120mm

B-BRAINY230

BRAINY230 2 channel controller for 230V acutators & comes with plastic case

B-BRAINY24

BRAINY24 control panel with battery charging (batteries not included)

Product	Description
B-BRAINY24 PCB	BRAINY24 control panel for 24V actuators (PCB only)
B-SA-24	27VDC Beninca power supply with battery backup
B-TO.GO4AK	4 channel 433Mhz transmitter which is cloneable. Compatible with Beninca actuators
B-TO.GO2VA	2 channel 433Mhz transmitter with advanced rolling code. Compatible with Beninca actuators
B-TO.GO4VA	4 channel 433Mhz transmitter with advanced rolling code. Compatible with Beninca actuators
B-SIS	Bus module for synchronizing gate controllers
B-SMART	Turn your transmitter into an elegant wall mounted keypad. Can be fixed to the wall and it is compatible with all B-TO.GO remotes
B-TO.CLIP	Plastic clip for B-TO.GO remotes. Suitable for use on your car visor or wall
B-ANT433	433Mhz extension antenna for Beninca controllers. Compatible with B-TO.GO remotes & controllers
B-EVA.7	Road barrier control unit with integrated receiver, for passages up to 7m
B-EVA7.A2	Painted elliptical aluminium arm cut into two 3.5m section

Fire Accessories

Features & Options
- Mini Smoke Detectors
- Hardwired & Wireless Smoke & Heat Detectors
- Emergency Door Releases
- Inter-linked Hardwired Smoke Detectors
- Latching & Auto Resetting Smoke Detectors
- Compatible with the ESL-2 Panel

Product	Description
HM-MINI-12V	12V hardwired mini smoke detector. Compatible with the ESL-2 system. Dimensions H52mm x Dia.48mm
HM-MINI	Standalone battery operated smoke detector. 3V DC (1x CR-123AW battery). Dimensions H52mm x Dia.48mm
HM-SMOKE	12V hardwired smoke detector with test button. Compatible with the ESL-2 system
TRX SMOKE	2-Way wireless photoelectric smoke detector with built in 85dB sounder. Includes 9V alkaline battery & surface mount base
HM-FW-433	Wireless 433Mhz smoke detector (freewave protocol). Compatible with the ESL-2 system
HM-FW-915	Wireless 915Mhz smoke detector (freewave protocol). Compatible with the ESL-2 system
AJ-765	Standalone photoelectric smoke detector with wireless interconnect (433Mhz)

HM-SMOKE230

230V hardwired smoke alarm with 9V DC alkaline battery backup. Capable of inter-linking the smokes

VST-CONTROLLER

Designed for HM-SMOKE230 wired smoke detectors. Allows multiple detectors to be wired together

FMR-100

Flush mount ceiling ring for NB338 & NB323 smoke detectors. Hole cut-out size 110mm

NB338-4ARB

12V resetting smoke detector with buzzer & hush button. Compatible with the ESL-2 system

NB323

Rate of Rise thermal heat detector. Trigger temperature 57 degrees & compatible with the ESL-2 system

NB338-4B

12V smoke detector, latching with buzzer (no hush button). Compatible with the ESL-2 system

TRX HEAT

2-way wireless heat detector with built in 85dB sounder & hush button. Trigger temperature 57 degrees

SM-200

Aerosol smoke detector test can for HM & NB smokes

Batteries

DM12-1.3PP

PowerPac 12V 1.3A battery. Dimensions L100mm x W45mm x D52mm

DM12-2

PowerPac 12V 2A battery. Dimensions L170mm x W60mm x D35mm

DM12-3

PowerPac 12V 3A battery. Dimensions L133mm x W68mm x D60mm

DM12-5A/H

PowerPac 12V 5A battery. Dimensions L90mm x W101mm x D70mm

DM12-7.5

PowerPac 12V 7.5A battery. Dimensions L150mm x W65mm x D95mm

DM12-9

PowerPac 12V 9A battery. Dimensions L150mm x W65mm x D95mm

DM12-12

PowerPac 12V 12A battery. Dimensions L150mm x W100mm x D100mm

DM12-18PP

PowerPac 12V 18A battery. Dimensions L180mm x W75mm x D165mm

DM12-40

PowerPac 12V 40A battery. Dimensions L175mm x W195mm x D165mm

DM6-5A

PowerPac 6V 5A battery. Dimensions L46mm x W70mm x D105mm

3.6V

1/2 AA 3.6V lithium battery used for TRX-REED & other wireless products

CR-123AW

3V lithium battery used for TRX PIR, DFW-433 & DFW-915

ER26500

Li-SOCL2 C size lithium battery used for TRX EXTERNAL, TRX INTERNAL & TRX OUTPUT

CR2016

Coin cell lithium battery 3V used for RM remotes (2x CR2016)

CR2032 CELL

Coin cell lithium battery 3V used for TRX PENDANT (1x CR2032 CELL)

CR2450

Coin cell lithium battery 3V used for TRX KEYPAD-A (2x CR2450)

142-004

A23 12V miniature battery, dimensions L28mm x Dia. 10mm

A27

A27 12V alkaline battery, dimensions L28mm x Dia. 8mm

142-006

9V alkaline battery used for HM-FW wireless smokes. Dimensions L48mm x W48mm x D26mm

BC-12500

Battery charger for DM PowerPac batteries, 12V & 800mA

Security & CCTV Cable

Cable

	4C2-100-CU	4 core 0.2mm tinned copper cable with box centre pull. Comes in 100m roll
	4C5-100-CU	4 core 0.5mm tinned copper cable with box centre pull. Comes in 100m roll
	4C5-300-CU	4 core 0.5mm tinned copper cable with drum centre pull. Comes in 300m roll
	6C2-100-CU	6 core 0.2mm tinned copper cable with box centre pull. Comes in 100m roll
	6C5-100-CU	6 core 0.5mm tinned copper cable with box centre pull. Comes in 100m roll
	6C5-300-CU	6 core 0.5mm tinned copper cable with drum centre pull. Comes in 300m roll
	8C5-300-CU	8 core 0.5mm tinned copper cable with drum centre pull. Comes in 300m roll

	RG59-T100	RG59 .81 Coax centre Solid Copper Core/Braid & Twin Power CCA shielding 100m reel
	PATCH CABLE-30	30m CAT5E CCA RJ45 to RJ45 Patch cable
	CAT6-300-CU	CAT6 UTP copper cable which comes in 300m pull box. PVC jacket white with 6.5mm external jacket & 23AWG, 4 pair with nylon rip cord
	RG59T-75	Premade coax & twin CCTV cable. Comes complete with fittings, 23m BNC & DC 2.1mm plug
	DC SPLITTER	2.1mm DC socket with 4x 2.1mm DC plug out used for CCTV cameras
	BNC CRIMP/M 0.9	BNC crimp plug used with RG59-T100. Centre pin size is 0.9mm
	BNC CRIMP/M	BNC crimp plug used with RG6-T100. Centre pin size is 1.10mm & outer sheath 6.9mm
	VT-POWER 2.1M	2.1mm DC male plug with DC terminal connector used for CCTV
	VT-POWER	2.1mm DC female plug with DC terminal connector used for CCTV

Control Relays & Timers

	AT2-PCB	Universal timer board 5V -30V DC with 9 selectable time modes. Dimensions 63 x 37 x 20mm
	SP RELAY-1A	12V 1A SPDT relay board, dimensions L43mm x W39mm x D18mm
	SP RELAY-10A	12V 10A SPDT relay board, dimensions L43mm x W39mm x D25mm
	DP RELAY-5A	12V 5A DPDT relay board, dimensions L43mm x W39mm x D25mm
	SP RELAY-AC	24V 10A SPDT trigger relay board, dimensions L43mm x W39mm x D25mm
	DP RELAY-TRG	12V 5A DPDT trigger input relay board (low current), dimensions L43mm x W39mm x D25mm

Plastic Enclosures
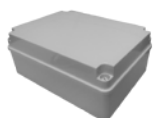
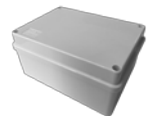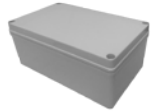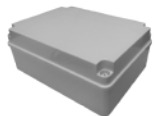|		
	PLAS BOX-POLY	Polycarbonate box enclosure, dimensions L250mm x W175mm x D100mm
	ABS BOX	Receiver box compatible with RX-2 & RX-16 receiver boards
	EC-CAB	Plastic cabinet for ESL-2 system. Holds 12V 7.5A battery, supports 1.4A power supply & multiple board locations with clip in tabs. Dimensions L323mm x W293mm x D87mm
	PLAS BOX-S IP56	Plastic box IP56 rated, dimensions L100mm x W100mm x D50mm
	PLAS BOX-L IP65	Plastic box IP65 rated, dimensions L110mm x W150mm x D70mm
	PLAS BOX-XL	Plastic box IP56 rated, dimensions L220mm x W150mm x D100mm
	PLAS BOX-XXL	Plastic box IP65 rated, dimensions L250mm x W175mm x D103mm

Plugpacks

Power Supplies

PS12300EP

12V DC 500mA plugpack. Can be used for many applications including powering keypads & transmitters etc

DC CONV-5

Mini AC/DC converter, 16 - 28V in to 12V DC out 500mA. Dimensions L74mm x W40mm D23mm

PS122000PP

Switch mode plugpack, 12V DC 2A

B-SA-24

27VDC Beninca power supply with battery backup

PS124160

Switch mode in-line powerpack 12V DC 4A, used to power CCTV cameras

PSU SM

12VDC 1.6/3Amp Selectable Power Supply Board (15-24V Input)

TEPP16V

Plugpack 16V AC 1.5A, used to power ESL-2 alarm system

PSU1 SM

13.8V 1.5A Plated Power Supply with Monitor Outputs. Dimensions L200mm x W92mm x D60mm

PSU1B SM

13.8V 1.5A Boxed Power Supply with Monitor Outputs. Dimensions L323mm x W293mm x D87mm

WELL-LPV-20-15

15V 1.3A switch mode power supply in IP67 case with 100 - 240V AC input, ideal for powering CPT monitors. Dimensions L116mm x W34mm x D27mm

PSU4

13.8V 4A plated power supply with battery charging & 5 fused outlets

FUSED BOARD-8

Safely power 8 low voltage devices from one power feed. 8 x 1.6A fused outlets, features 2.1mm DC plug input

PS5

12V 5A plated power supply with battery backup, including mains & battery monitoring. Perfect for 12V camera system

PSU24/1.5

27.6V 1.5A plated power supply with battery charging. Dimensions L200mm x W92mm x D60mm

PS5B

12V 5A boxed power supply with battery backup, including mains & battery monitoring. Perfect for 12V camera system

PS24/3

27.6V 3A plated premium series power supply with battery charging. Includes Mains & battery fail outputs

WELL-LPH-18-12

12V 1.5A switch mode power supply in IP67 case with 230V AC input. Dimensions L140mm x W30mm x D23mm

PS24/3B

27.6V 3A boxed premium series power supply with battery charging. Includes Mains & battery fail outputs

Drill Bits

	BES-BELL1412	Diameter 6.4mm x L305mm bell hanger bit made from premium M2 grade steel. Cuts through wood, metal, nails & screws
	BES-BELL3812	Diameter 9.5mm x L305mm bell hanger bit made from premium M2 grade steel. Cuts through wood, metal, nails & screws
	BES-BELL1212	Diameter 12.7mm x L305mm bell hanger bit made from premium M2 grade steel. Cuts through wood, metal, nails & screws
	BES-BELL1424	Diameter 6.4mm x L610mm bell hanger bit made from premium M2 grade steel. Cuts through wood, metal, nails & screws
	BES-BELL3824	Diameter 9.5mm x L610mm bell hanger bit made from premium M2 grade steel. Cuts through wood, metal, nails & screws
	BES-BELL1224	Diameter 12.7mm x L610mm bell hanger bit made from premium M2 grade steel. Cuts through wood, metal, nails & screws
	BES-BELL1436	Diameter 6.4mm x L915mm bell hanger bit made from premium M2 grade steel. Cuts through wood, metal, nails & screws
	BES-BELL3836	Diameter 9.5mm x L915mm bell hanger bit made from premium M2 grade steel. Cuts through wood, metal, nails & screws

	BES-FLX1424	Diameter 6.4mm x L610mm HSS flex bit made from premium M2 grade steel. Cuts through wood, metal, nails & screws
	BES-FLX3824	Diameter 9.5mm x L610mm HSS flex bit made from premium M2 grade steel. Cuts through wood, metal, nails & screws
	BES-FLX1224	Diameter 12.7mm x L610mm HSS flex bit made from premium M2 grade steel. Cuts through wood, metal, nails & screws
	BES-FLX1436	Diameter 6.4mm x L915mm HSS flex bit made from premium M2 grade steel. Cuts through wood, metal, nails & screws
	BES-FLX3836	Diameter 9.5mm x L915mm HSS flex bit made from premium M2 grade steel. Cuts through wood, metal, nails & screws
	BES-FLX1236	Diameter 12.7mm x L915mm HSS flex bit made from premium M2 grade steel. Cuts through wood, metal, nails & screws
	BES-FLX1454	Diameter 6.4mm x L1372mm HSS flex bit made from premium M2 grade steel. Cuts through wood, metal, nails & screws
	BES-FLX3854	Diameter 9.5mm x L1372mm HSS flex bit made from premium M2 grade steel. Cuts through wood, metal, nails & screws
	BES-FLX1254	Diameter 12.7mm x L1372mm HSS flex bit made from premium M2 grade steel. Cuts through wood, metal, nails & screws

BES-FLX3872

Diameter 9.5mm x L1829mm HSS flex bit made from premium M2 grade steel. Cuts through wood, metal, nails & screws

BES-FLX1272

Diameter 12.7mm x L1829mm HSS flex bit made from premium M2 grade steel. Cuts through wood, metal, nails & screws

BES-QTT91648

Diameter 14.3mm x L1219mm auger flex bit, with four cutting edges allowing for rapid cutting. Crafted from high quality steel

BES-GLF415

Single 3 foot 4mm fibreglass glow rod, durable plastic coating super flexible design & perfect for a wide range of installations

BES-GLF410

Single 6 foot 4mm fibreglass glow rod, durable plastic coating super flexible design & perfect for a wide range of installations

CCTV Solutions

Protecting Your Future

Section Includes

IP Solutions

4 - 8MP Cameras

Dome & Bullet Cameras

**Mounting Brackets**

TVT

TVT®

CCTV (IP & TVI)

## Protect what matters most to you!

Consider adding a CCTV system to your home or business to protect your most valuable assets. TVT has a wide range of cameras and recorders to suit most applications and needs. Each TVT system comes with a free Apple or Android app so you can stay connected from anywhere, at any time
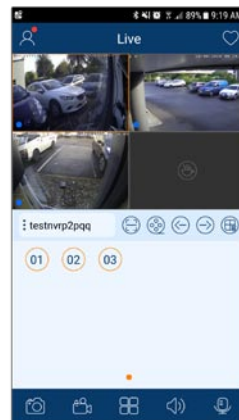
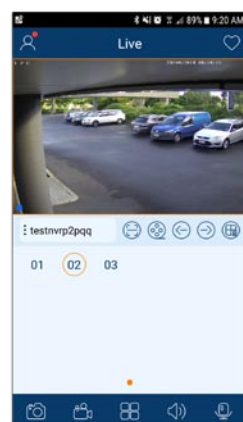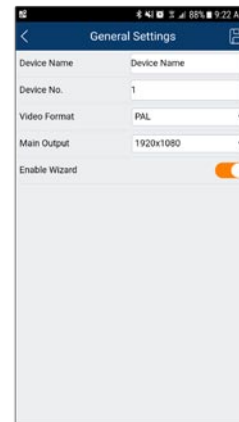## App Functions/Screenshots

Search/Playback
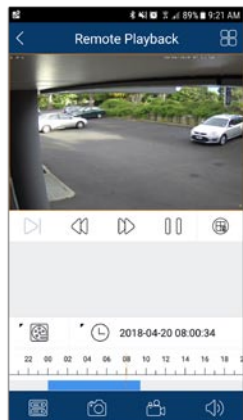
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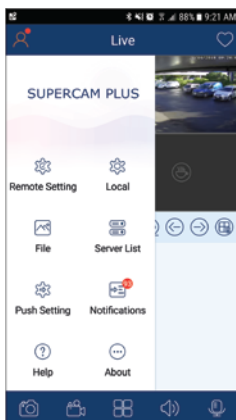
Select Camera

SuperCam Plus

Single Camera View

Device Settings

TVT-4CHNVR-2CAMKIT	4 Channel NVR kit includes: 1x TVT-4CHNVR-P, 2 x TVT-D2.8POE cameras, 2 x 20m CAT cables & 1TB HDD. COMING SOON! First stock arriving end of August 2021
TVT-4CHNVRKIT	4 Channel NVR kit includes: 1x TVT-4CHNVR-P, 4 x TVT-D2.8POE cameras, 4 x 20m CAT6 cables & 2TB HDD
TVT-8CHNVRKIT	8 Channel NVR kit includes: 1x TVT-8CHNVR-P, 4 x TVT-D2.8POE cameras, 4 x 20m CAT6 cables & 2TB HDD
TVT-4CHNVR-P	4 channel 1080P NVR 4 POE port with 1TB Hard Drive
TVT-8CHNVR-P	8 channel 1080P NVR 8 POE port with 2TB Hard Drive
TVT-16CHNVR-P	16 channel 1080P 4K NVR 16 POE port with 4TB Hard Drive
TVT-32CHNVR-P	32 channel 1080P 4K NVR 16 POE port with 6TB Hard Drive
TVT-64CHNVR	64 channel 1080P NVR with 2x 6TB Hard Drives, 16x HDD Slots, 1080P Output, No POE
TVT-D2812POE	5MP 2.8-12mm motorised varifocal lens POE waterproof dome camera. Compatible with TVT-NVR's
TVT-D2.8POE	5MP 2.8mm fixed lens POE dome waterproof IP camera. Compatible with TVT-NVR's

TVT-B2812POE

4MP 2.8-12mm motorised varifocal lens POE waterproof bullet camera. Compatible with TVT-NVR's

TVT-P180-8POE

8MP starlight 180° panoramic waterproof bullet network camera. Compatible with TVT-NVR's

TVT-360POE

6MP 1.07mm POE 360 degree fisheye camera with microphone. Outdoor ready. Compatible with TVT-NVR's

TVT-B3610SPOE

5MP 3.6-10mm lens, IP starlight waterproof bullet POE camera. Compatible with TVT-NVR's

TVT-D28SPOE

2MP 2.8mm fixed lens, IP starlight waterproof dome POE camera. Compatible with TVT-NVR's

TVT-B2812-8POE

8MP 2.8-12mm motorised lens, waterproof bullet POE camera. Compatible with TVT-NVR's

TVT-D2812-8MP

8MP 2.8-12mm motorised lens, water-proof dome POE camera. Compatible with TVT-NVR's

TVT-PTZ-TD84413S

4MP 4.8-120mm 25x optical zoom, PTZ camera with auto tracking (outdoor ready). Compatible with TVT-NVR's

TVT-B922POE

5MP 9-22mm motorised varifocal lens, POE waterproof IP camera. Compatible with TVT-NVR's

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TVT-D722AI

2MP 7-22mm lens, waterproof Ai face recognition camera. Compatible with TVT-4CHNVR-P & 8, 16 & 32 channel models

TVT-P4.3

2MP discrete pinhole network camera (note - not POE)

TVI Simple & Cost Effective TVI CCTV

TVT-4CHDVRKIT

4 channel DVR, 4x 3.6mm 1080P dome cameras, 4x 20m coax cables, 1TB HDD & 1x DC splitter

TVT-4CHTVR

4 channel 1080P output. TVI/AHD & CVI recorder with 1TB hard drive. Includes 4 external alarm inputs & 1 alarm output

TVT-8CHTVR

8 channel 1080P output. TVI/AHD & CVI recorder with 2TB hard drive. Includes 4 external alarm inputs & 1 alarm output

TVT-16CHTVR

16 channel 1080P output. TVI/AHD & CVI recorder with 4TB hard drive. Includes 4 external alarm inputs & 1 alarm output

TVT-16CHTVR-4K

16 Channel 4K TVR with 4TB Hard Drive

TVT-D2812-5MP

5MP 2.8-12mm vari-focal lens. HD Analogue IR Dome Camera. Compatible with TVT-16CHTVR-4K

TVT-D3.6-5MPTVI

5MP 3.6mm HD Analogue IR Dome Camera. Compatible with TVT-16CHTVR-4K

TVT-B2812TVI

2.8-12mm 1080P waterproof bullet TVI camera. Compatible with TVT-TVR's

TVT-D2812TVI

2.8-12mm 1080P waterproof dome TVI camera. Compatible with TVT-TVR's

TVT-D2.8TVI

2.8mm fixed lens 1080P waterproof dome TVI camera. Compatible with TVT-TVR's

POE-4

4 PoE Power Port Gigabit 30W per port (10/100/1000Mbps)

POE-8

8 PoE Power Port Gigabit 30W per port (10/100/1000Mbps)

POE-16

16 PoE Power Port Gigabit 30W per port (10/100Mbps)

POE-24

24 PoE Power Port Gigabit 30W per port (10/100Mbps)

Additional CCTV Products & Accessories

TVT-YXH0103

Camera bracket junction box, perfect for hiding excess cables. Compatible with TVT-D2.8POE, TVT-D2.8TVI

TVT-YZJ0203

Wall mount camera bracket, compatible with TVT-D2.8TVI, TVT-D2.8POE & TVT-D2812POE

TVT-YZJ0807

Ceiling mount bracket compatible with TVT-PTZ-TD84413S

TVT-YZJ0701E

Mounting bracket compatible with TVT-PTZ-TD84413S

TVT-YZJ0204

Wall mount camera bracket, compatible with TVT-D2812TVI

TVT-YZJ0813

Ceiling mount camera bracket, compatible with TVT-360POE

TVT-YXH0205

Camera bracket junction box, compatible with TVT-D2812TVI, TVT-D2.8TVI & TVT-D2.8POE

TVT-YXH0303

Camera bracket junction box, compatible with TVT-D2812TVI & TVT-D3312-8POE

TVT-ZG0202

Extendable pole bracket 20cm length, may require additional mounting brackets based on your camera selection

TVT-YZJ0408

Wall mount camera bracket, compatible with TVT-D2812TVI & TVT-D3312-8POE. Note - may require additional accessories

TVT-YZJ0501

Pole mount camera bracket, compatible with dome & bullet cameras. Note - may require additional accessories depending on camera model

Product	Description
POE INJECTOR	Single Port Gigabit POE Injector, input voltage 100-240VAC, output voltage 48VDC, data range 10/100/1000Mbps
SWITCH-8	8 Port Gigabit Non POE Switch 12V/DC
WIFI LR-CPE300P-KIT	Long range outdoor wireless bridge with maximum transmission range of 1km. Supports POE solutions and plugpack included
IP EXTENDER	Transmit IP camera signal over existing coaxial cables. Transmission distance of up to 220m & includes built-in surge protection
CAV-DUMMY	Weatherproof dummy CCTV camera with blinking LED
MONITOR-21.5	21.5" LED monitor, includes BNC in, BNC out, HDMI, VGA, audio in & audio out
BALUN	CVI/TVIAHD over CAT6 Balun Pair up to 300m. Compact size and easy installation
CCTV SIGN-S	Small CCTV warning sign, PVC outdoor rated. Dimensions L240mm x W150mm
CCTV SIGN-L	Large CCTV warning sign, PVC outdoor rated. Dimensions L300mm x W240mm
CCTV STICKER	Warning surveillance cameras sticker. Dimensions L160mm x W80mm

CCTV

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