

# Control Panels

The EURO and Enforcer Range.  
Quality Control Panels in Variations.



**ENFORCER**  
two way wireless technology

EURO 280  
EURO 162  
EURO 46L  
EURO 46S  
EURO mini prox  
EURO mini

The Enforcer and EURO range of control panels are enhanced to meet the demands of end users and installers facing Grade 2X, Grade 2 and Grade 3 security challenges.






Consistency is maintained across the range; with common fully menu driven programming, wiring and peripherals. It doesn't matter if you choose one of our wired (large or small control panels) or wireless solutions, you'll always feel like you know the panel.



 **Pyronix**  
www.pyronix.com

# Features and Specifications

## The Control Panel Range

	 EURO 280 (EURO 162 + MSX 280)	 EURO 162	 EURO 46	 EURO mini / EURO mini prox	 Enforcer
<b>Maximum Inputs</b>	280	162	46	10	66
-EOL	280 with 30 ZEMs, 16 Keypads (8 DEOL on end station)	162 with 18 ZEMs, 5 Keypads (8 DEOL on end station)	46 with 4 ZEMs, 3 Keypads (8 DEOL on end station)	10 DEOL on end station	34 with 4 ZEMs, & 2 on i/O board
-Wireless	96 with 3 EURO-ZEM32-WEs	64 with 2 EURO-ZEM32-WEs	32 with 1 EURO-ZEM32-WE	-	32
-Double pole	240 with 30 ZEMs	144 with 18 ZEMs	40 with 4 ZEMs (8 DP on end station)	9 DP on end station with global tamper	-
<b>Output Modules</b>	16	8	2	-	1
<b>Maximum Outputs</b>	426 (with DEOL)/334 (with iD)	250 (with DEOL)/194 (with iD)	60	7	35 (3 PGMs on I/O board) and 4 x PGMs on ZEMs
<b>Wireless Bells</b>	2 with 1 EURO-ZEM32-WE	2 with 1 EURO-ZEM32-WE	2 with 1 EURO-ZEM32-WE	-	2
<b>Set / Unset</b>	Pin or Prox	Pin or Prox	Pin or Prox	Pin or Prox (mini prox)	Pin or Prox or Keyfob
- Keypad type	LCD Keypad with prox	LCD Keypad with prox	LCD Keypad with prox	LCD Keypad (mini) with prox (mini prox)	LCD Keypad with prox
- Keypads	Max 16	Max 16	Max 6	Max 4	Max 4
- Readers	Max 29	Max 15	Max 5	Max 3 (mini prox)	Max 3
- Ward Controller	Max 29	Max 15	Max 5	-	-
- Access/Entry Control	Max 29	Max 15	Max 5	-	-
<b>User Codes</b>	500 user, 20 duress	200 user, 20 duress	75 user, 10 duress	30 users	80 users
<b>Wireless Keyfobs</b>	32 (with a ZEM32-WE)	32 (with a ZEM32-WE)	32 (with a ZEM32-WE)	-	32
- Areas	14 areas or part sets	12 areas or part sets	6 areas or part sets	4 part sets	4 part sets
- Wards	29	15	5	-	-
- Shunts	140	81	23	-	-
<b>Remote Signalling</b>	10 x ATE outputs or Digi modem card: SMS, Fast Format, CID SIA 3, ARM®	10x ATE outputs or Digi modem card: SMS, Fast Format, CID SIA 3, ARM®	10 x ATE outputs or Digi PSTN: SMS, Fast Format, CID, SIA 3, ARM®	-	Digi GSM: SMS, Fast Format, or Digi PSTN: SMS, Fast Format, CID, SIA 3, ARM®
<b>System Logs</b>	2025	2000	1250	700	750
<b>PSU</b>	2.5A	2.5A	1.5A (small). 2A (large)	1A	1A
<b>EN Grade</b>	EN50131-3:2009 EN50131-1:2006+A1:2009 EN50131-6:2008 PD6662:2010 Security Grade 3 Environmental Class II	EN50131-3:2009 EN50131-1:2006+A1:2009 EN50131-6:2008 PD6662:2010 Security Grade 3 Environmental Class II	EN50131-3:2009 EN50131-1:2006+A1:2009 EN50131-6:2008 PD6662:2010 Security Grade 2 (small) Security Grade 3 (large) Environmental Class II	EN50131-3:2009 EN50131-1:2006+A1:2009 EN50131-6:2008 PD6662:2010 Security Grade 2x Environmental Class II	EN50131-1:2006+A1:2009 EN50131-3:2009 EN50131-6:2008 EN50131-5-3:2005+A1:2008 PD6662:2010 Security Grade 2 Environmental Class II
<b>Casing Dims</b>	390 x 305 x 100mm	390 x 305 x 100mm	Small: 250 x 297 x 82mm Large: 390 x 305 x 100mm	250 x 297 x 82mm	220 x 160 x 50mm

### Fully Menu Driven Programming

Our control panels have fully menu driven programming, allowing you to easy navigate your way through the menus.

### Hybrid Solution

The Enforcer wireless control panel supports 32 wireless inputs, 32 wireless keyfobs and 2 wireless external sounders. These may also be used on the EURO range of control panels\* by the use of the wireless input expander module (please see RMKT090366) giving you the best of the both worlds.

### Setting / Unsetting

There are many ways to set or unset our panels; either via a pin code, a proximity tag or a wireless keyfob\*. Duress codes can also be used in an emergency.

### Remote Signalling

The commercial control panel range\* support remote signalling through many formats; SMS message, Fast Format, Contact ID or SIA3. All can be signalled via PSTN or GSM<sup>s</sup> depending on the modem purchased. ATE outputs can also be used on the EURO 162 and EURO 280 control panels.

### Access/Entry Control

The commercial control panel range allow entry control to be programmed on the internal and external proximity readers.

### Input Wiring

On the EURO control panels, we allow wiring of Double pole, DEOL or SEOL. If using SEOL or DEOL the resistor range can also be changed to suit the installation, which is ideal for takeovers.

### Outputs

Outputs to control lights, cameras, electronic gates for example can be connected to all panels via the use of output expanders.

### The Enforcer

The Enforcer can be purchased unbranded or uniquely, the front facia can be customised with YOUR company logo. This allows you to market the Enforcer within your product range using your unique company branding.

The Enforcer is a multi award winning wireless system which includes a control panel and a variety of wireless devices which all use the Pyronix proprietary two way wireless technology.

\*Not applicable to the EURO mini/mini prox <sup>s</sup>Doesnt allow SIA or CID

