PYRONIX
HIKVISION

EURO 46 V10
Installation Manual

PD6662:2010+IA501:2015
EN50131-1:2008+A1:2009
EN50131-3:2009
Security Grade (SG) 3 - Large
Security Grade (SG) 2 - Small
Environmental Class (EC) II

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Contents

System Overview

System Overview	EURO 46 V10	Additional Information
Areas		
Independent areas	6	
Wards	5	Each ward is created by a proximity reader
Inputs		
On board	8	Supports N/C, 3EOL, DEOL and SEOL
Wireless	64	Requires 2 x EURO-ZEM32-WE
Maximum	76	Refer to 'Input Mapping' table
Outputs		
PCB	5	1 Relay, 4 transistor (inputs 7 & 8 may be used as outputs)
ATE	10	Low power ATE outputs
Maximum	85	Refer to 'Output Mapping' table
User automation	30	Outputs programmed to activate on user command
Users		
Users	75	
Wireless key fobs	32	Requires 1 x EURO-ZEM32-WE
Guard/duress	10	
Engineer	1	
Maximum	87	Including Master Code and wireless key fobs
Arming Devices		
Wired	6	Keypads and proximity readers
Wireless	4	Requires 1 x EURO-ZEM32-WE
Communication		
Compatible modems	PSTN, PSTN/VOICE, GSM, GPRS, Wi-Fi/XA and LAN	
ARC formats	Contact ID, Fast Format and SIA3 (also IP variants in all 3)	
User formats	Push notifications, SMS messaging and Voice messaging.	
Phone numbers	10	Used for SMS messaging
UDL Support	Yes	Using the upload/download software
Logs		
Memory	1250	Memory type is EEPROM
Dimensions and Compliance		
Dimensions (H x W x D)	Small Case — 297 x 250 x 82 mm / Large Case — 390 x 305 x 100 mm	PCB — 110 x 170 x 40 mm
EN grading	2 (small metal) 3 (large metal)	
Environmental class	II	

Default Codes

Engineer - 1111
Master Manager - 2222

Input Mapping

Devices	Address	Input Numbers
EURO 46 V10 PCB	N/A	1-8
EURO-ZEM8 / EURO-ZEM8+/ EURO-ZEM8+PSU /EURO-ZEM32-WE	0	9-16
EURO-ZEM8 / EURO-ZEM8+/ EURO-ZEM8+PSU /EURO-ZEM32-WE	1	17-24
EURO-ZEM8 / EURO-ZEM8+/ EURO-ZEM8+PSU /EURO-ZEM32-WE	2	25-32
EURO-ZEM8 / EURO-ZEM8+/ EURO-ZEM8+PSU /EURO-ZEM32-WE	3	33-40
EURO-ZEM8 / EURO-ZEM8+/ EURO-ZEM8+PSU /EURO-ZEM32-WE	4	41-48
EURO-ZEM8 / EURO-ZEM8+/ EURO-ZEM8+PSU /EURO-ZEM32-WE	5	49-56
EURO-ZEM8 / EURO-ZEM8+/ EURO-ZEM8+PSU /EURO-ZEM32-WE	6	57-64
EURO-ZEM8 / EURO-ZEM8+/ EURO-ZEM8+PSU /EURO-ZEM32-WE	7	65-72
EURO-LCD/EX	0	73-74
EURO-LCD/EX / EURO-PROX/INT	1	75-76
TOTAL		76

PLEASE NOTE: 2 x EURO-ZEM32-WE can be connected to the EURO 46 V10. Each expander allows 32 inputs which are separated into 4 addresses (each address enables 8 wireless inputs). It is possible to mix the wired and wireless remote expanders.

PLEASE NOTE: If the EURO-PROX/INT (Internal Tag Reader) is programmed as a 'Set Point' device, 2 inputs are enabled. If the EURO-PROX/INT is programmed as 'Entry Control' or 'Access Control' only 1 input is enabled.

Output Mapping

Devices	Address	Outputs Numbers
EURO 46 V10 APP PCB	N/A	5 (2 shared)
Digi/ATE Outputs (using communication loom)	N/A	10
EURO-OEM8R8T / EURO-OEM16R+PSU	0	1-16
EURO-OEM8R8T / EURO-OEM16R+PSU	1	17-32
EURO-ZEM8+/ EURO-ZEM8+PSU	0	1-4
EURO-ZEM8+/ EURO-ZEM8+PSU	1	1-4
EURO-ZEM8+/ EURO-ZEM8+PSU	2	1-4
EURO-ZEM8+/ EURO-ZEM8+PSU	3	1-4
EURO-ZEM8+/ EURO-ZEM8+PSU	4	1-4
EURO-ZEM8+/ EURO-ZEM8+PSU	5	1-4
EURO-ZEM8+/ EURO-ZEM8+PSU	6	1-4
EURO-ZEM8+/ EURO-ZEM8+PSU	7	1-4
EURO-LCD/EX	0	1
EURO-LCD/EX / EURO-PROX/INT / EURO-EXT-BK/W	1	1
EURO-LCD/EX / EURO-PROX/INT / EURO-EXT-BK/W	2	1
EURO-LCD/EX / EURO-PROX/INT / EURO-EXT-BK/W	3	1
EURO-LCD/EX / EURO-PROX/INT / EURO-EXT-BK/W	4	1
EURO-LCD/EX / EURO-PROX/INT / EURO-EXT-BK/W	5	1
Total		85

Regulatory Wiring Requirements

• Ensure wiring is done to the national wiring regulations in the country where the installation is taking place. In the UK, this is BS 7671 Requirements for electrical installations; IET Wiring Regulations (17th edition). If in doubt, consult a local qualified electrician.
• Ensure that a readily accessible disconnect device incorporated in the premises installation wiring shall be provided external to the equipment with a contact separation of at least 3,0mm and connected as closely as possible to the supply. Example: Fused Spur Unit
• When fixing external wires, ensure that means are provided in the installation to prevent the SELV (Safety Electrical Low Voltage) or signal circuits from coming into contact with live parts of the power supply circuit. Wires shall be fixed near their terminal blocks.
• The end of stranded conductor shall not be consolidated by soft soldering at places where the conductor is subjected to contact pressure. Example: Must not solder ends of wires which are to be secured in detector and control panel terminal connectors.
• On completion of wiring use tie-wraps to prevent any loose wires causing a safety hazard (material of cables tie shall be rated at least HB or better).
• Cables ties and sleeves shall be separate for power supply cable and SELV (Safety Electrical Low Voltage) wirings.
• Size of protective bonding conductors: minimum section 1.5mm^2. Example: Electrical Earth wire connections.

Technical Specification

Programming Outputs	Power Rating	Normal State	Active State
PGM 1	Relay, 3A, max 30V	Changeover NC & NO	Changeover NC & NO
Speaker	16 ohms	No tones	Repeat RKP tones & internal sounder
Strobe output	500mA	12v	0v
Bell output	500mA	12v	0v
XPGM 1 (Input 7)	50mA	Floating	0v
XPGM 2 (Input 8)	50mA	Floating	0v
ATE outputs	2mA	5v	0v

Circuit States	Resistance Range		
	1k / 1k Range	4k7 / 2k2 Range	4k7 / 4k7 Range
Normal	0k5 to 1k4	1k4 to 2k9	3k7 to 8k3
Alarm	1k5 to 5k9	4k2 to 7k8	8k4 to 10k2
Fault	6k to 8k1	8k to 11k3	10k3 to 14k9
Masking	8k2 to 17k	11k6 to 22k	15k to 22k
Tamper	<0k5 or >17k	<1k4 or >22k	<3k7 or >22k

Fuses	Value	Type
Bell fuse for bell terminals	F800mA quick blow 250V	Glass
Aux fuse for aux terminals	F800mA quick blow 250V	Glass
RS485 bus fuse for bus terminals	F800mA quick blow 250V	Glass
Battery fuse for battery terminals	T 1.5A anti-surge slow blow 250V	Glass
230V mains fuse for mains terminals	T500mA H anti-surge slow blow 250V	Ceramic

Panel Power Supply Output		Nominal	Range
Output voltage		~13.7VDC	~10-15VDC
Output current	Small Metal	1A Continuous	1.5A peak, during battery charging
	Large Metal	1.5A Continuous	2.0A peak, during battery charging

Panel Power Supply Input		Nominal	Range
Mains supply voltage AC		230 VAC at 50Hz	-15% +10 %
Transformer rating	Small metal	18VA	18V at 1.0A
	Large metal	45VA	18.5V at 2.5A
Power Supply Type A.			
Maximum output peak voltage: Max 100 mV			
SD Voltage which the deep discharge protection function will operate at: 10V			
Over Voltage Protection Trigger Voltage: 18V			

Battery Charging Specification			
Float voltage	13.8VDC	Recharge time	<24 hours
Battery low voltage cut off	10.5V	Standby battery capacity current	300mA (3A to 6A)
			700mA (7A to 17A)

PLEASE NOTE: EURO 46 V10 power supplies are NOT designed for use with multiple batteries connected. System load should not exceed the panel power supply output shown above, or the maximum load supportable by the battery for the specified backup time, as in the table shown below. The power ratings are based on battery shown in table – but battery capable of supporting the system load for the required time may be used without affecting these ratings.

EN50131-6:2008 Rated Output		
In accordance with EN50131-6:2008, the EURO standby times and effective output currents depend on the Security Grade of the system and how 230V mains missing fault is signalled to the Alarm Receiving Centre. Power supplies are rated in accordance with the requirements of EN50131-6, which are related to the maximum battery size that can be accommodated in the housing and vary according to the grade of the system in which they are installed, as per the following table:		
Electrical Capability	**EN50131-6 Rating. Maximum Load**	
Example Battery Model	Grade 2	Grade 3
Yuasa NP7-12	0.5A	0.3A
Yuasa NP17-12	1.2A	0.7A

EURO 46 V10 PCB Current Consumption		Environmental	
Quiescent	80mA	Operational	-10°C to +40°C, Certified
User Code and Tag Guessing		Storage	-20°C to +60°C
4-digit codes	10,000	Humidity	75%
6-digit codes	100,000	**Dimensions**	
Disallowed codes	None	Metal case — Small case	250 x 297 x 82mm Weight: 4.8kg inc. battery
All codes	16^{12}	Metal case — Large case	390 x 305 x 100mm Weight: 11.5kg inc. battery
According to EN50131-3:2009 Annex B		PCB	170 x 90 x 30mm
According to spec of manufacturer of RFID components used		EN50131 Grading	3

The below table specifies ATS (Alarm Transmission System) performance criteria in accordance with the requirements of EN50136-1.

Notification Equipment	Grade 2 Criteria Options				Grade 3 Criteria Options			
	A	B	C	D	A	B	C	D
Remotely powered external sounder	2	Optional	Optional	Optional	2	Optional	Optional	Optional
Self-powered external sounder	Optional	1	Optional	Optional	Optional	1	Optional	Optional
Main communication path (ATS)	ATS 2	ATS 2	ATS 2	ATS 3	ATS 4	ATS 4	ATS 4	ATS 5
Second communication path (ATS)	Optional	Optional	ATS 1	Optional	Optional	Optional	ATS 3	Optional

Out of the Box

Unscrew and remove the cover of the EURO 46 V10 (Figure 1). The EURO 46 V10 printed circuit board is located to the top right hand side. (Figure 2)

Install the supplied stand-offs if needed before mounting the metal case to the wall (Figure 3).

Connect any modems if required and any other devices (input expanders, output expanders etc.) before powering up the system.

Screw the back metal plate to the wall.

Wire the telephone line if the DIGI-1200 modem (PSTN) is installed or the LAN cable if the DIGI-LAN is installed.

Install the SIM card, connect the antenna and locate outside of the metal casing if the GPRS or Wi-Fi modem is used.

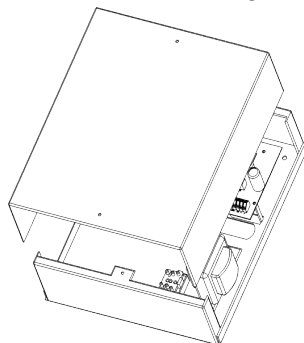EURO 46 V10: The tamper mechanism comes already fitted.

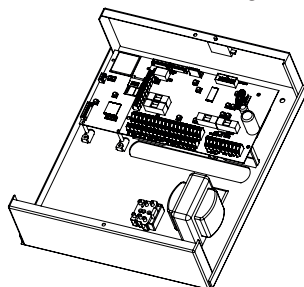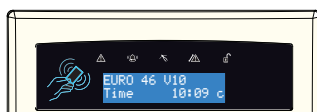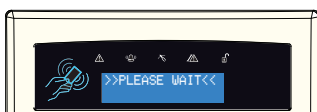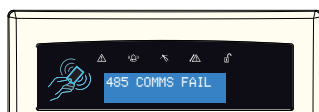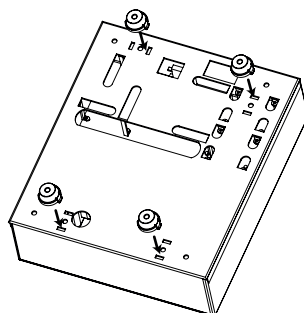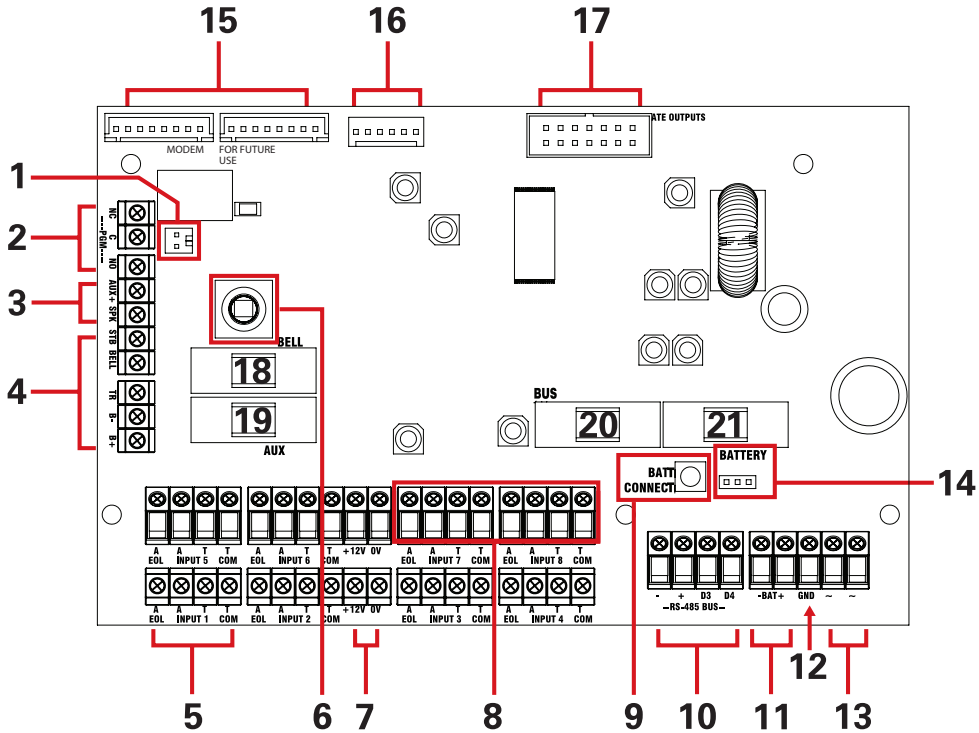Secure all the wires and close the enclosure making sure the tamper is operational.

Turn on the power to the EURO 46 V10.

On power up, the panel will typically show the below screens.

Figure 1

Figure 2

Figure 3

485 COMMS FAIL

>>PLEASE WAIT<<

EURO 46 V10
Time   10:09 c

The Printed Circuit Board

1: Case tamper 'Hold-Off' jumper
2: PGM 1
3: Speaker connection
Connects a 16ohm speaker.
4: External sounder connections
Connects an external sounder.
5: Input connections
8 Fully programmable inputs.
6: Tamper switch
Optional tamper protection for the metal casing.
7: Auxiliary 12V power
12V power supply
8: Inputs or outputs
Inputs 7 and 8 may be programmed as outputs if unused.
9: Battery connect 'Kick-start' switch
To power-up and program from battery power (when there is no mains power available).
10: RS485 bus terminals
Connects peripherals.
11: Battery connection
For battery back up.
12: Earth connection
Connects the earth.

13: 17V connection
Connects the AC transformer 17V supply.
14: Battery charge capacity jumper
For battery back up.
15: Modem connections
The left connector (labelled 'modem') is for signalling modems.
PLEASE NOTE: The right is 'For Future Use', please do not use.
16: RS232 Connection
This connection is used for an RS232 lead that will connect to a PC to allow uploading and downloading of data using the InSite software.
17: Communication Outputs
Connects the supplied communication loom to enable an additional 9 programmable outputs. These are low current and would normally be used when connecting a stand-alone communicator to the panel.
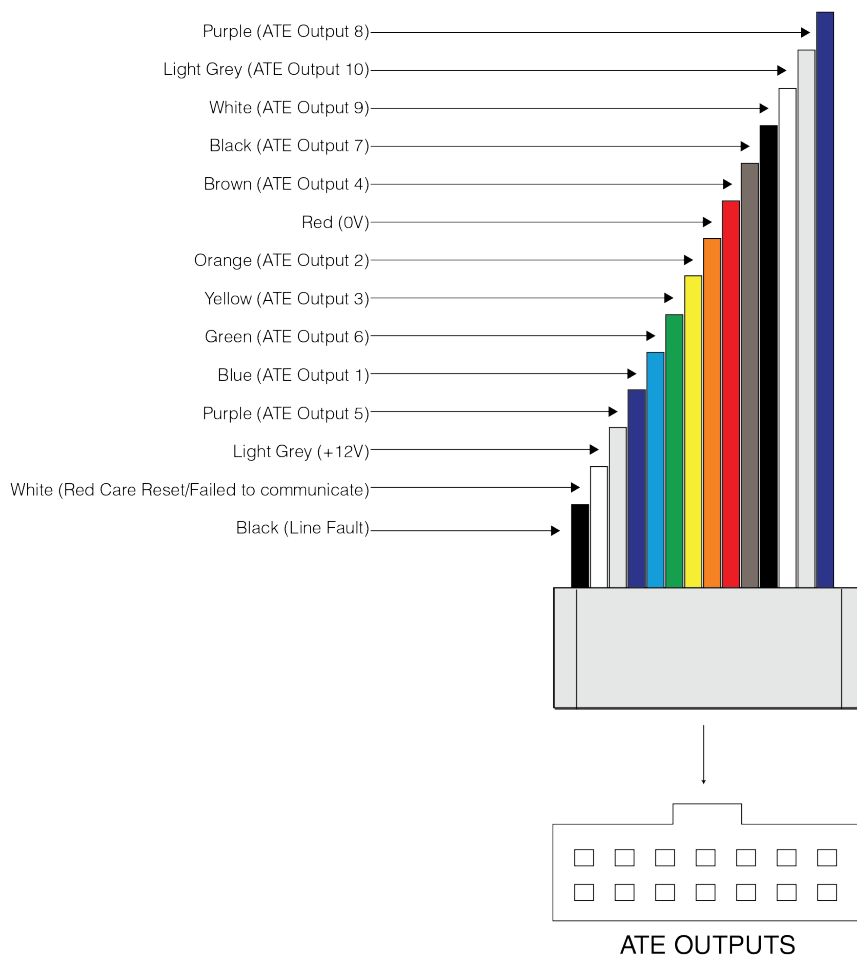**18: Bell Fuse**
19: Auxiliary Fuse
20: Bus Fuse
21: Battery Fuse

Communication Loom

Purple (ATE Output 8)
Light Grey (ATE Output 10)
White (ATE Output 9)
Black (ATE Output 7)
Brown (ATE Output 4)
Red (0V)
Orange (ATE Output 2)
Yellow (ATE Output 3)
Green (ATE Output 6)
Blue (ATE Output 1)
Purple (ATE Output 5)
Light Grey (+12V)
White (Red Care Reset/Failed to communicate)
Black (Line Fault)

ATE OUTPUTS

The ATE (Alarm Transmission Equipment) outputs are programmed in the Engineer Menu. The programming can be found in 'CHANGE OUTPUTS' then sub menu 'Endstation Outputs'.
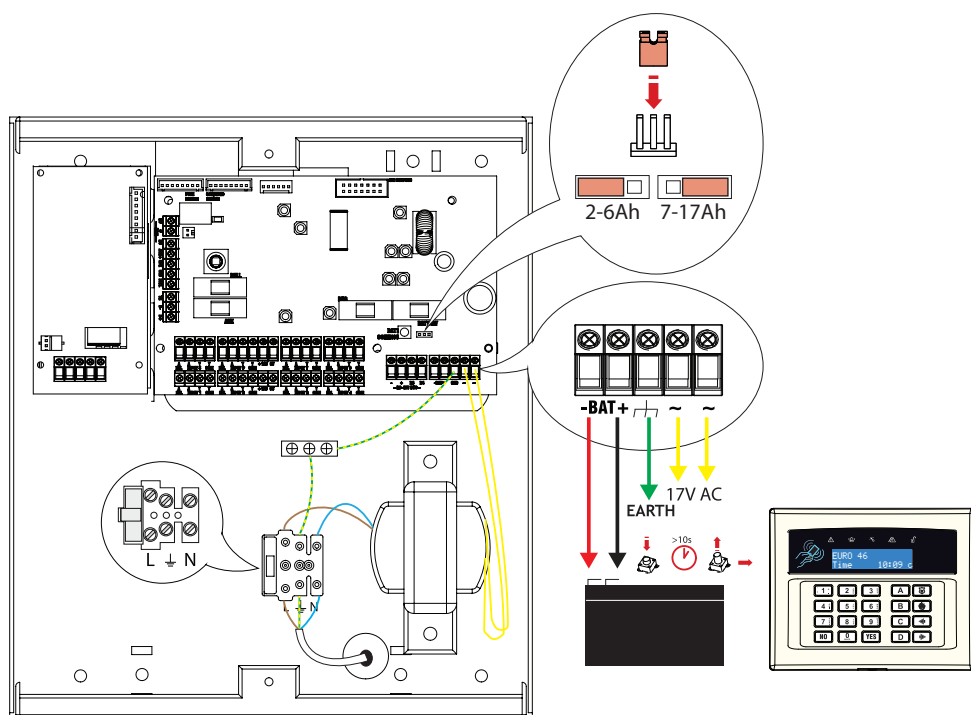
Normal Status: 5v
Active Status: 0v
Current: 2mA

PLEASE NOTE: The polarity of the ATE outputs can by changed in the Engineer Menu. The menu option is named 'Invert ATE O/Ps' and can be found as a sub menu in 'SYSTEM OPTIONS' then 'Site Options'. This will invert the polarity of all the programmable ATE outputs, they cannot be done individually.
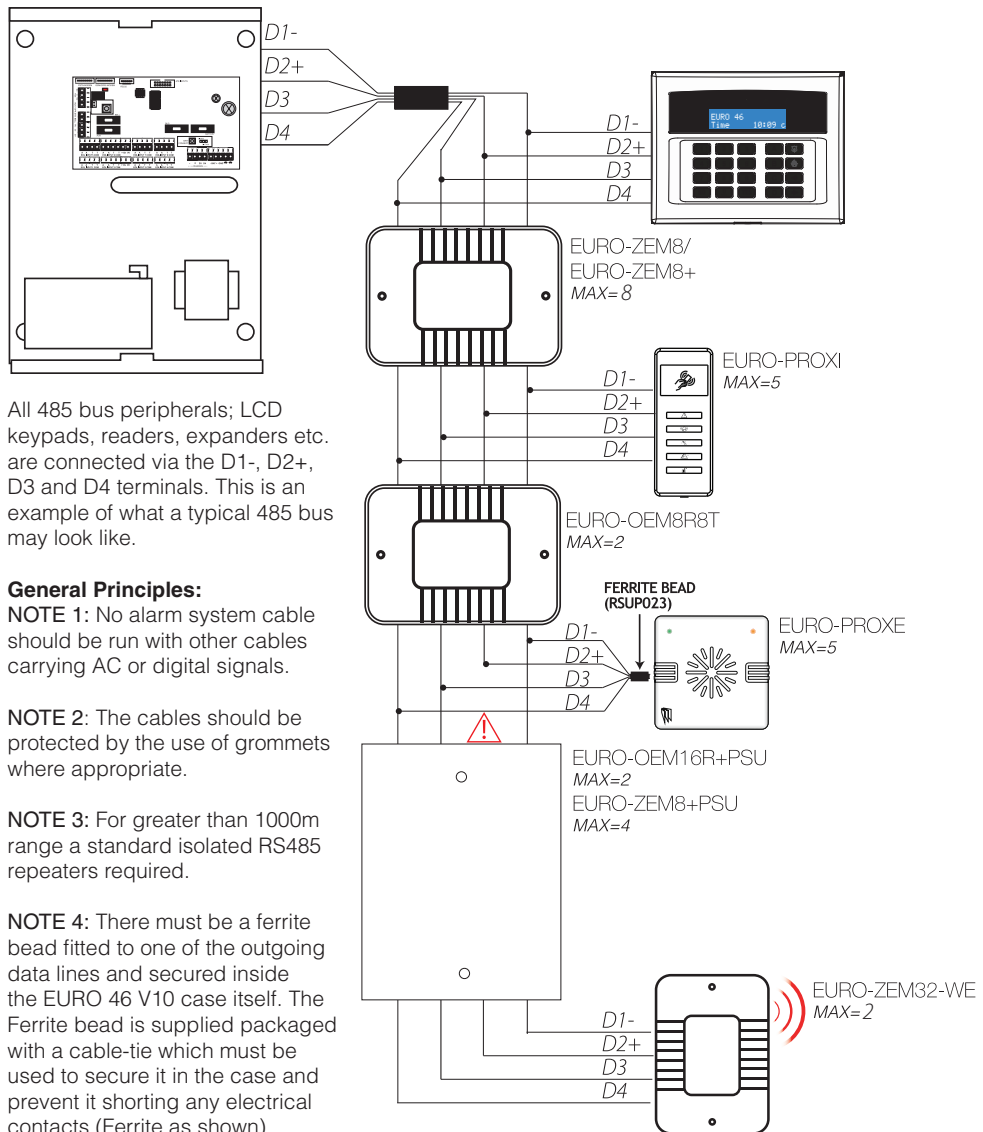
Power and Battery Connections

2-6Ah   7-17Ah

-BAT+   ~   ~

17V AC
EARTH

>10s

EURO 46
Time   10:09 c

Panel Power Supply Input		Nominal	Range
Mains Supply Voltage AC		230V AC at 50Hz	-15% +10%
Transformer Rating		18VA	18V at 1.0A
Panel Power Supply Output		**Nominal**	**Range**
Output Voltage		13.7V DC	10-15V DC
Output Current	Small Metal	1A Continuous	1.5A peak, during battery charging
	Large Metal	1.5A Continuous	2.0A peak, during battery charging
Power Supply Type A.			

Battery Charging Specification			
Float Voltage	13.8v DC	**Control Panel Type**	
Battery low voltage cut off	10.5v	Standby battery capacity current	300mA (3Ah to 6Ah)
Recharge time	<24 Hours	Standby battery capacity current	700mA (7Ah to 17Ah)

Fuses	Value	Type
230V Mains Fuse for mains terminals	T500mA H anti-surge slow blow 250V	Ceramic

PLEASE NOTE: Ensure that the 'battery jumper' is in the correct position for the capacity of battery that you have connected – otherwise the panel may under-charge a large battery or over-charge and damage a smaller battery.

485 Bus Wiring

D1-
D2+
D3
D4

D1-
D2+
D3
D4

EURO 46
Time   10:09 c

EURO-ZEM8/
EURO-ZEM8+
MAX=8

D1-
D2+
D3
D4

EURO-PROXI
MAX=5

EURO-OEM8R8T
MAX=2

FERRITE BEAD
(RSUP023)

D1-
D2+
D3
D4

EURO-PROXE
MAX=5

EURO-OEM16R+PSU
MAX=2
EURO-ZEM8+PSU
MAX=4

D1-
D2+
D3
D4

EURO-ZEM32-WE
MAX=2

All 485 bus peripherals; LCD keypads, readers, expanders etc. are connected via the D1-, D2+, D3 and D4 terminals. This is an example of what a typical 485 bus may look like.

General Principles:
NOTE 1: No alarm system cable should be run with other cables carrying AC or digital signals.

NOTE 2: The cables should be protected by the use of grommets where appropriate.

NOTE 3: For greater than 1000m range a standard isolated RS485 repeaters required.

NOTE 4: There must be a ferrite bead fitted to one of the outgoing data lines and secured inside the EURO 46 V10 case itself. The Ferrite bead is supplied packaged with a cable-tie which must be used to secure it in the case and prevent it shorting any electrical contacts (Ferrite as shown). There must also be a ferrite bead fitted to the data wires of a EURO-PROXE (if connected). The Ferrite bead is supplied with the reader.
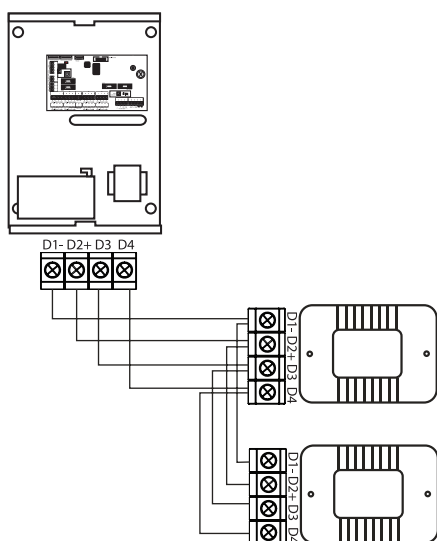
NOTE 5: If an expansion module with a power supply on board is connected, the D2+ terminal must not be connected between the main bus and module.

Star and Daisy Chain Wiring

Star Wiring Example
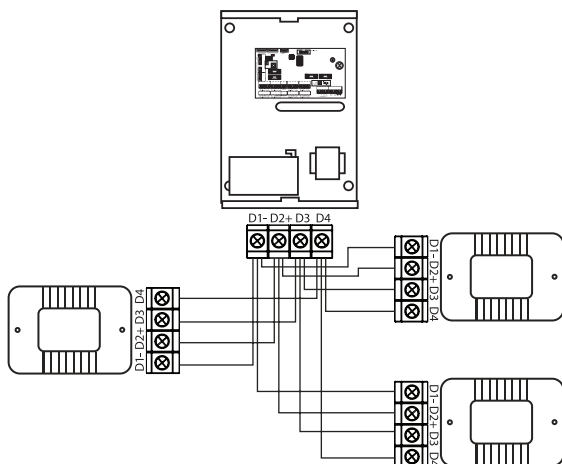

Daisy Chain Wiring Example

Cable Type	Screened Cable	Bus Range (m)	Wiring Format	
			Star Wiring Range	Daisy Chain Range
4 core alarm cable	Use this type of cable when the wiring of the 485 bus is located near 230VAC mains power wiring	300	50 m	1 km
6 core alarm cable (doubling D1 (0v) and D2 (+12V))		1000		
Twisted Pair		1000		

Input Connections

The EURO 46 V10 has options of 4k7/2k2, 4k7/4k7, 1k/1k and wide EOL ranges to choose from. The tolerances for each of these ranges can be found in the technical specification. The 'wide' range has no masking tolerance range. This is added on to the end of the alarm tolerance in order to create a wider alarm tolerance range.

EURO 46 V10 panels are set to 4k7/2k2 at default and would typically used a 2k2 resistor for tamper, 4k7 resistor for alarm and finally a 6k8 resistor for mask.
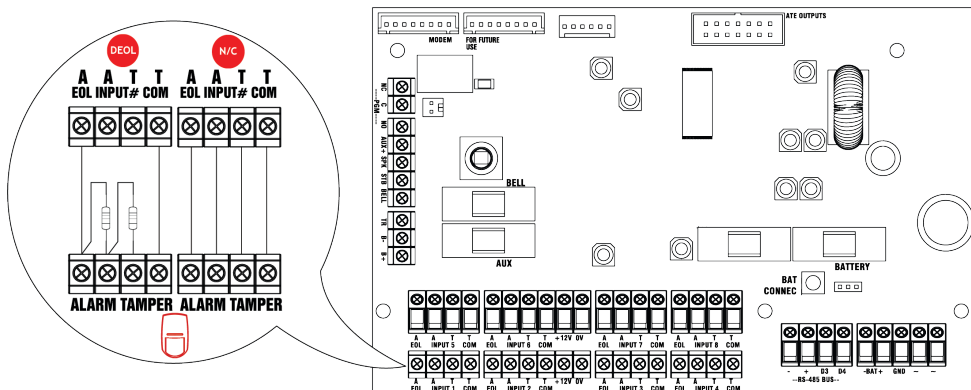
PLEASE NOTE: If 'Normally Closed' (double pole) wiring is utilised, The EOL range must be set to '4k7/2k2' and the EOL mode set to 'DR'. This can be selected in the Engineer Menu in the menu 'CHOOSE MODE'. The 'Diagnostics' on the keypad will show 6K9 when the alarm circuit is open and 2K2 when the alarm circuit is closed. It will show >22k when the tamper circuit is open.
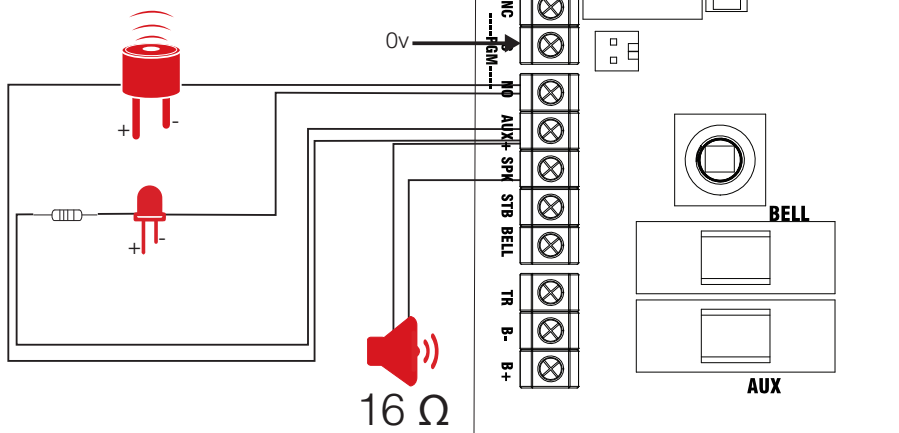

For specific wiring instructions please refer to the installation manual provided with each component that is being wired to the system.
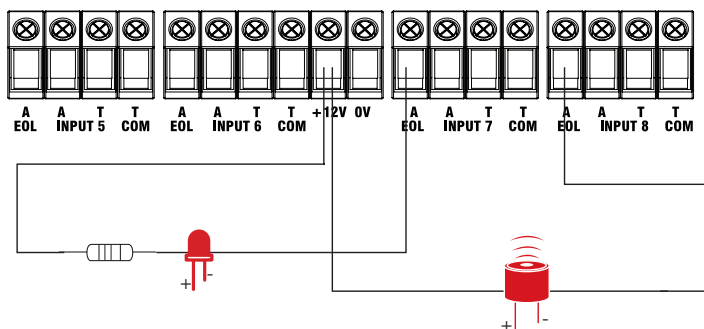
Output (PGM) Connections

Relay and Speaker Output

Normal State: Floating
Active State: 0V
Current: 100mA

0v

NC
PGM
NO
AUX+ SPK
STB BELL
TR
B-
B+

MODEM   FOR FUTURE USE

BELL

AUX

16 Ω

XPGM Outputs

If Inputs 7 and 8 are programmed as 'unused', these inputs can be used as 2 further outputs (known as XPGM1 and XPGM2). Which are programmed in 'CHANGE OUTPUTS' in the Engineer Menu.
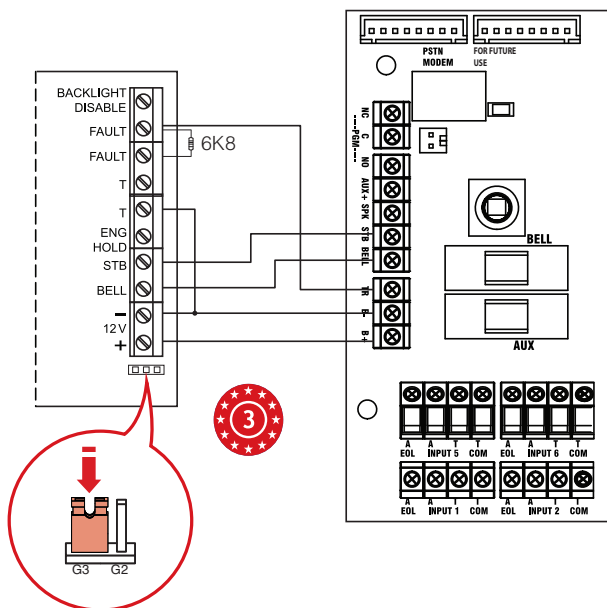
| A EOL | A INPUT 5 | T | T COM | A EOL | A INPUT 6 | T | T COM | +12V | 0V | A EOL | A INPUT 7 | T | T COM | A EOL | A INPUT 8 | T | T COM |

Normal State: 12V
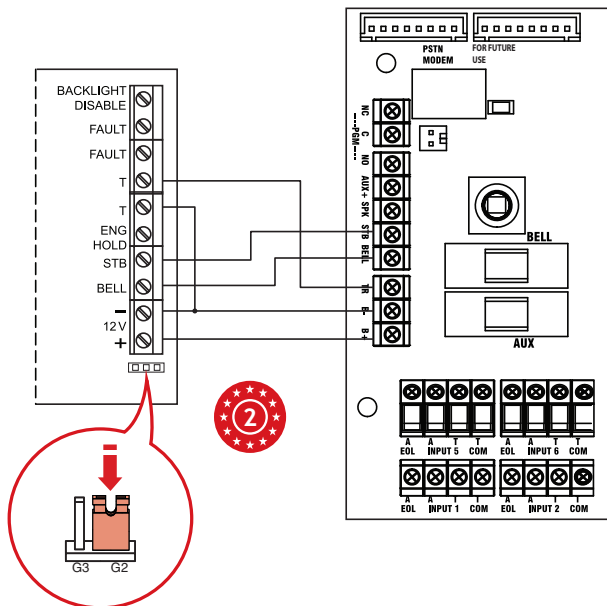Active State: 0V
Current: 50mA switched to 0V

External Sounder Connections

Grade 3 Wiring

Grade 2 Wiring

Modems

There are 6 modems there are compatible with the EURO 46 V10 panel. These are:
• DIGI WIFI/XA
• DIGI LAN
• DIGI GPRS
• DIGI GSM
• DIGI 1200
• DIGI PSTN/VOICE
For installation instructions please refer to the manual provided with the modem.
For programming instructions please refer to the 'Communications Guide'.

UDL Software

The EURO 46 V10 control panel can be programmed by the LCD menu or the UDL InSite Software, provided free of charge. It can be downloaded from https://www.pyronix.co.uk/help-and-support/installers-distributors/insite-software-download/insite-software-download. The connection between control panel and UDL software can be done in the following ways:

Connecting RS232 to the Panel
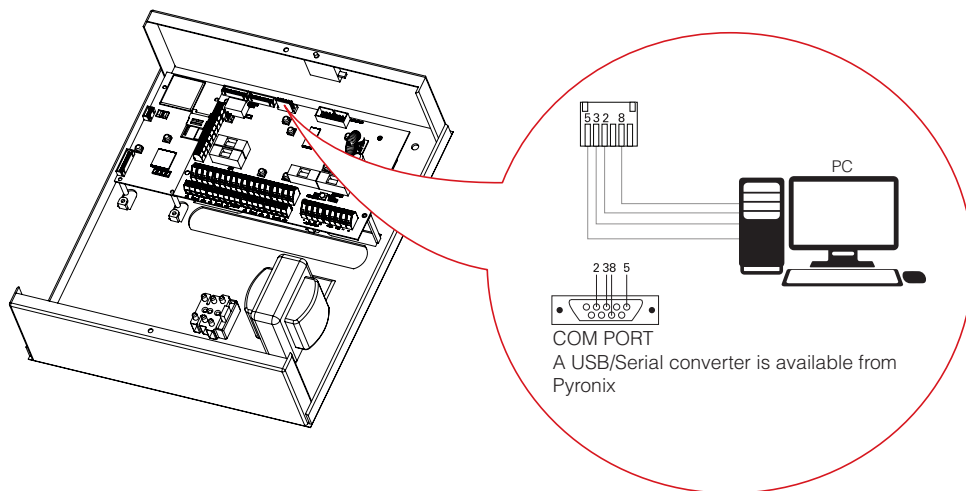
5 3 2   8

PC

2 38 5

COM PORT
A USB/Serial converter is available from
Pyronix

Enter the Engineer Menu.

Scroll the menu (NO button) until the 'SET UP DOWNLOADING?' and press YES .

Choose RS-232 in the "Download by" option – Press YES .

Now on the 'UDL Password' screen, leave 'blank' and Press YES .

Now on the 'Site Name' screen, this is compulsory, make sure that you take a note of it for use later in the InSite software then press YES .

Now on the 'UDL Priority' screen – we recommend setting this to 'High [0]'.
PLEASE NOTE: This prevents HomeContol+ App events / notifications from disconnecting the UDL connection.

Connecting InSite to the Panel via RS232

To setup the COM port associated to 'modem', open the software, click on 'Configuration', choose "Modem Settings" and select "RS-232" option.

Make sure that the serial COM port used by UDL is the set the same in the PC.
PLEASE NOTE: This can be found in the PC via Control Panel > Device Manager > Ports.

Make sure that in the UDL Graphic user interface, the RS-232 icon is green.

Click on 'Roving Dial Customer'.

Set 'Dial Mode' field to 'RS-232'.

Enter the Engineer Code in the 'Engineer Code' field.

Click on 'Dial'.

If connection is successful, the RS-232 icon will become blue.

Setting up a Cloud Connection

Enter the Engineer Menu.

Scroll the menu (NO button) until the 'SET UP DOWNLOADING?' and press YES .

Choose 'Cloud' in the 'Download by' option – Press YES .

Make a note of your 'System ID' (to enter in the InSite software later) - Press YES .

Select Security level – for initial connections we recommend [0] (normal) - Press YES .

Create/enter a system password and take note of it - Press YES .

Now on the 'Poll Server' screen – select 'Yes [1]' and press YES .

Now on the 'UDL Password' screen – DO NOT USE – leave blank and Press YES .

Now on the 'Site Name' screen, this is compulsory, make sure that you take a note of it for use later in the Insite software then press YES .

Now on the 'UDL Priority' screen – we recommend setting this to 'High [0]'.
PLEASE NOTE: This prevents HomeContol+ App events / notifications from disconnecting the UDL connection.

Connecting InSite to the Panel via the Cloud

Click on 'Roving Dial Customer'.

Click on the 'Dial Out Mode' drop down list and select 'Cloud'.

Enter the 'System ID' of your panel (see 'SET UP DOWNLOADING?' in the panel Engineer Menu).

Enter 'System Password' (see 'SET UP DOWNLOADING?' in the panel Engineer Menu).

Leave the UDL security at 'normal' for initial connection test in 'System Security Level' field.

Enter the Engineer Code as used on the panel you are trying to connect to.

Enter 'Site Name' as entered in panel.

Enter an appropriate panel name into the 'Enter Customer In Database As' field.
PLEASE NOTE: This is just for identification in the InSite software, nothing more.

Click 'Dial'. If connection is successful, the Cloud Icon will become blue, and a dialogue box will appear asking if you would like to create a customer – click 'Yes' to continue.

The EURO 46 V10 control panel is now successfully connected to the Insite UDL software.

EN 50131 Terminology

EURO 46 V10 Language	EN50131 Language
Set	Set
Unset	Unset
Day or Unset Mode	Unset State (may be relevant to a specific partition)
HU (Hold Up)	Hold Up (HU)
Inhibit	Inhibit
Unused	Isolated
Bell / External Sounder / SAB	External Warning Device (self-powered is assumed)
Main Sounder / Speaker	Device combining internal warning device with audible indicator (using different tones and volumes)
Prox card, Tag, or Wireless Key Fob	Digital Key

Access Levels

Level 1: Access by any person; for example the general public.

Level 2: User access by an operator; for example customers (systems users).

Level 3: User access by an engineer; for example an alarm company professional.

Level 4: User access by the manufacturer of the equipment.

PLEASE NOTE: Alarm, tamper and fault indications will automatically be cleared within 3 minutes. If a user has finished viewing the information they can terminate the display instantly by pressing the YES key.

Compliance

As per EN 50131-1 the EURO 46 V10 is capable of supporting all conditions A,B and C: -

In Grades 1 & 2 I&HAS when an I&HAS or part thereof is in a set state:

A) access to the supervised premises or part thereof, via an entry/exit route, shall be prevented, or

B) opening the door to the entry/exit route shall initiate an entry procedure, or

C) indication of the set/unset status shall be provided.

In Grades 3 & 4 I&HAS when an I&HAS or part thereof is in a set state:

A) access to the supervised premises or part thereof, via an entry/exit route, shall be prevented, or

B) opening the door to the entry/exit route shall initiate an entry procedure.

Warranty

This product is sold subject to our standard warranty conditions and is warranted against defects in workmanship for a period of two years. For further warranty information visit:www.pyronix.com/warranty.
The declaration of conformity and further compliance documentation may be consulted at:www.pyronix.com/product-compliance.php.

Additional Device Manuals

Please scan the relevant QR code below to download the manual on a specific product. In order to download any of our manuals you will be required to sign up to the website. This can be done simply by going to www.pyronix.co.uk/register or scanning the QR code to the right.

Wired Setting Devices

Contemporary Keypad	Surface and Flush Mount Keypad	Internal Proximity Reader	External Proximity Tag Reader

Wireless Setting Devices

Wireless Arming Station	Wireless Keyfob

Zone Expansion Modules

ZEM8	ZEM8+	ZEM8+PSU	Wireless ZEM

Output Expansion Modules

OEM8R8T	OEM16R+PSU

External Wired Sounders

Deltabell E and Plus	Deltabell X	Invincibell E	Invincibell X

Customer Support

Pyronix Training Academy Online

Connect to a whole host of exclusive training materials, including online weekly webinars and step-by-step training videos by joining the Pyronix Training Academy.

To start accessing an entire arsenal of training resources, simply email your full contact details and company name to videot@pyronix.com now. You will receive an email confirmation once your application has been approved.

PLEASE NOTE: It can take up to 48 hours to process your account.

Alternatively you can register online for one of our webinar sessions by going to the following address:
http://bit.ly/2pWkknI
(www.pyronix.co.uk/help-and-support/installers-distributors/courses-and-training)

Pyronix Training Academy Training Videos

Watch easy step by step setup and training videos on a large range of our security solutions. Available for you to watch at your leisure, you can access them on-the-go to learn new skills, refresh your knowledge or even watch the latest videos on our newest releases or updates.

Email your full contact details and company name to videot@pyronix.com now and you can watch, learn and install whenever you want. You will receive an email confirmation once your application has been approved.

PLEASE NOTE: It can take up to 48 hours to process your account.

Technical Support

If you are still experiencing issues with the installation, please call our UK technical support team.

PLEASE NOTE: In order to get your issue resolved quickly, please have the software revision of the panel ready to give to one of our engineers.

Alternatively if you do not require assistance straight away, you can always email the team who will reply to you as soon as possible.

Our office hours are: Monday to Friday 8:00 - 18:30.

☎ 0333 444 1280   ✉ technical.support@pyronix.com