INTERNATIONAL COMPLIANCE GUIDE

XT30INT Control Panel

DIGITAL MONITORING PRODUCTS, INC.

MODEL XT30INT CONTROL PANEL COMPLIANCE GUIDE

Contains compliance instructions for use with the Model XT30INT Control Panel.

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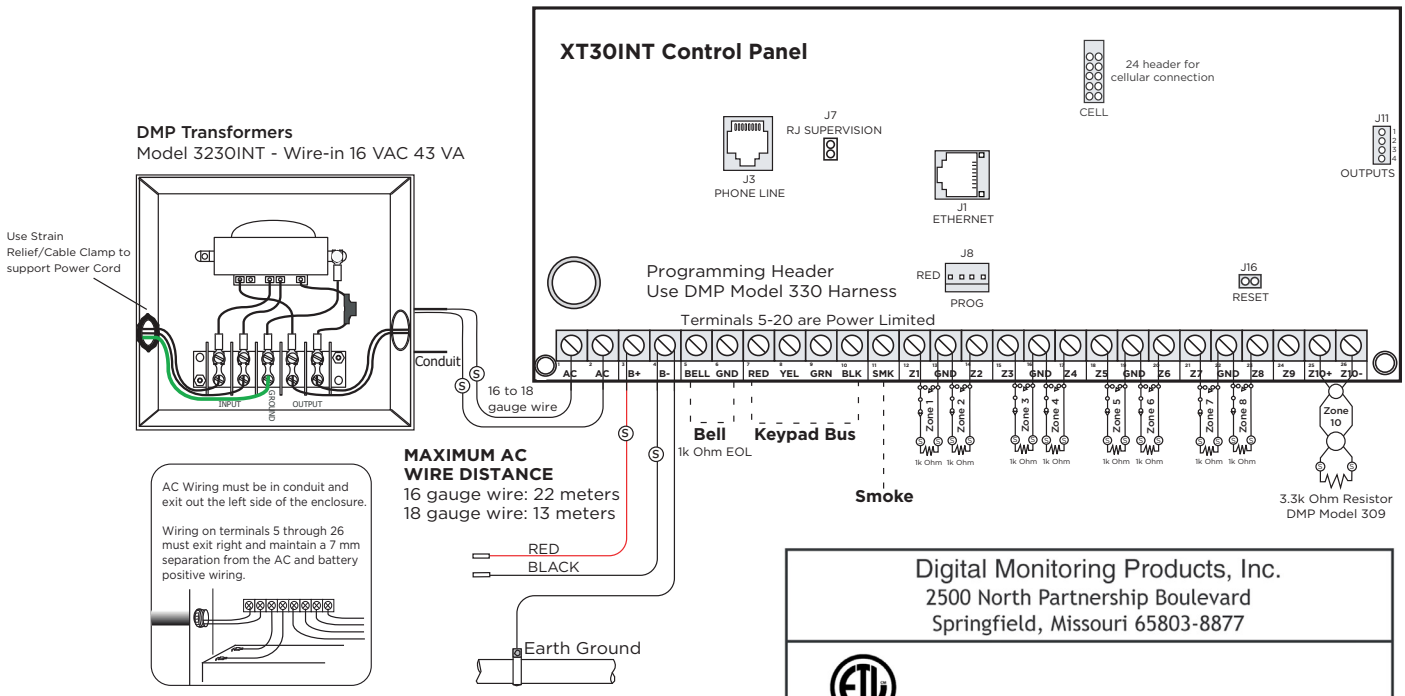
BEFORE YOU BEGIN

This guide provides compliance information for the DMP XT30INT Control Panel. After this Introduction, the remaining sections describe the functions along with the available options. Before starting, we recommend that you read through the contents of this guide. The information contained here allows you to quickly learn the operation, functionality, and programming options of the panel to meet specific applications.

This guide covers all the requirements for the XT30INT Control Panel

WIRING DIAGRAM



SECONDARY POWER SUPPLY
1.0 Amps maximum charging current. Use only 12 VDC rechargeable batteries. Replace every 3 to 5 years.

MAXIMUM OPERATING RANGE
8.8 VDC - 14.2 VDC

Minimum voltage on Auxillary output to process Sensor trips is 10.2 VDC

LISTED RESISTORS
1.0k Ohm - DMP Model 311
3.3k Ohm - DMP Model 309

BELL
10.2 - 13.9VDC
Total current:
1.5 Amps max.

AUX (RED)
Up to 500 mA auxiliary current at 10.2 VDC - 13.9 VDC from Terminal 7
Up to 325 mA auxiliary current at 10.2 VDC - 13.9 VDC from Terminal 7 when using (2) Model 364 1.3 Ah Batteries

SMOKE OUTPUT
100 mA at 10.2 - 13.9 VDC Terminal 11

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Intertek
3142389

		Conforms to:
Security Grade:	2	EN 50131-1
Environmental:	Class II	EN 50131-3
Power Supply:	Type A	EN 50131-5
ATS:	2	EN 50131-6
Operating Temperature:	0°C-49°C	EN 50133-1
		EN 50136-1
Relative Humidity:	80%	EN 50136-2
Weight:	2 kg 322.39g	EN 50130-5
		EN 61000-6-4
Dimensions:	26W x 10.5H cm	EN 61000-3-2
Ripple Voltage:	600mV	EN 61000-3-3

For a complete description of wiring connections, refer to the XT30 International Installation Guide (LT-0980INT).
For complete programming instructions, refer to the XT30 International Programming Guide (LT-098INT).

OPERATION

Intrusion and Hold-up Systems EN 50131-1

Security Grade

The XT30INT provides Security Grade 2 fulfilling Options A, B, C, and D.

Environmental Class

The XT30INT provides Environmental Class II.

Power Supply

The XT30INT employs a Type A power supply.

Control and Indicating Equipment EN 50131-3

Operating Temperature and Humidity Range

The XT30INT is suitable for temperatures ranging from 0°C to 49°C and a relative humidity of 80%.

Weights and Dimensions

The XT30INT PCB weighs .55 kg and is 26 cm wide by 10.5 cm high.

XT30INT Status List Display

PRIORITY	CATEGORY	DESCRIPTION	LATCHES DISPLAY
1	Fire Zone Alarms	FI and FV Zone Alarms	Y
2	Emergency Alarms	EM Zone Alarms	Y
3	Fire Troubles and Supervisory Alarms and Troubles	FI, FV, and EM Troubles SV Alarms and Troubles	Y
4	Burglary Zone Alarms	NT, DY, EX, and AR Zone Alarms	N
5	System Messages	Walk Test Transmitter Missing Transmitter Low Battery Wireless Jamming Wireless Keypad Missing, Tamper, AC Power, Low Battery, Wireless Keypad Trouble Z-Wave Lock Low Battery Any Other System Monitor Troubles	N
6	Zone Troubles	Device Missing Device Tamper	
7	Late to Close Messages	System Has Not Armed as Scheduled	N
8	Armed or Ready Status	Status of Panel	N
9	Day and Time	Current Date and Time	N
10	Today's Current Weather	Today's Weather	N
11	Tomorrow's Weather	Tomorrow's Weather	N

Entry/Exit Delay

In System Options, set Entry Delay and Exit Delay to **30 to 45 seconds**.

Transmit Delay

In Communications, Transmit Delay must be set to **30 seconds**.

Bell Cutoff

In Bell Options, Bell Cutoff must be set to **2 to 15 minutes**.

Power Fail

In System Options, Power Fail must be set to **1 or less**.

Auto Arming the System

In Area Information, Closing Check must be **ON** when using Auto Arm. When arming, Closing Time! is displayed for 10 minutes and the keypad sounds. Bad zones are processed according to the Bad Zones programming in Area Information. Other troubles are automatically overridden.

Zone Expander

When using a zone expander module, one zone of the module must be used as tamper supervision.

Swinger Bypass

In System Options, SWGRBYPS TRIPS: must be set to **3 or higher**.

Masking

Connect a zone to the masking contacts of a device, such as a PIR with masking contacts. Name the zone in Zone Programming **X Masking** where X is the name of the detector zone. For Alarm Action, set the Transmit Message to **T** (Trouble) for both Disarmed Open, Disarmed Short, Armed Open, and Armed Short actions.

User Codes

User codes must be at least 4-digits (0 - 9) for a total of 10,000 possible combinations.

Keypad Display Time Out

A valid User Code is required to be entered to display the Status List. The display will time out in 60 seconds with no key presses. A valid User Code will be required to be entered again to view list.

Control Panel Tamper

Wire an enclosure tamper switch to a panel zone and name the zone **Panel Tamper** in Zone Information. Set the Disarmed message to **TRBL**.

Event Recording

The Central Station must keep a list of events from the panel for 30 days. Events are stored locally in non-volatile memory. Manufacturer part number AT24C256C.

Discharge/Recharge

The XT30INT battery charging circuit float charges at 13.8 VDC at a maximum current of 1.5 Amps using a 43VA transformer. Listed below are the various battery voltage level conditions:

- Battery Trouble: Below 11.9 VDC
- Battery Trouble: Above 12.6 VDC

The panel disconnects the battery any time the battery voltage drops below 10.2 VDC. This prevents battery deep discharge damage.

Closing Code

In System Options, set Closing Code to **YES**.

Notification Output Signals

Provides Hold-up, Tamper, and Intrusion notifications.

Operation Mode

Stores and forwards all messages to SCS-VR or SCS-1R.

Dual Path Operation

Communication takes place on the primary path with backup paths being used only when the primary path fails or when the backup path is being used to send duplicate messages.

Control Panel Unavailability

The control panel is considered unavailable when the system message 16 PANEL NOT RESPONDING is generated by the central station receiver.

INTERNATIONAL CERTIFICATIONS

Intertek (ETL)

EN 50130-4	EMC Product Family Standard: Immunity Requirements for Components of Fire, Intruder and Social Alarm Systems
EN 50130-5	Environmental Standards
EN 50131-1:2006+A1	Intrusion and Hold-up systems
EN 50131-3:2009	Control and Indicating Equipment
EN 50131-6:2008	Power Supplies
EN 50136-1	Alarm Transmission Systems and Equipment
EN 50136-2:2013	Supervised Premises Transceiver
EN 61000-3-2	Limits - Limits for Harmonic Current Emissions (Equip. Input Current up to and Including 16 A per Phase) Includes A1 & A2 July 1, 2009
EN 61000-3-3	Limitation of Voltage Fluctuations & Flicker in Low-Voltage Supply Systems for Equip. with Rated Current Less Than or Equal to 16 A per Phase & Not Subject to Conditional Connection
EN 61000-6-4	Generic Standards - Emission Standard for Industrial Environments

DOCUMENTATION

Power Supply	Type A
Security Grade	2
EN 50131-1	
Notification Requirements	Grade 2 Options A, B, or C
Environmental Class	II
Operating Temperature	0°C - 49°C 32°F - 120°F
Relative Humidity	80%
Weight	0.55 kg
Dimensions	26W x 10.5H cm

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