Elpas Display Panel

Description

The Elpas Display Panel (EDP) from Visonic Technologies is a wall mountable, remote management panel that enables users to view and clear individual system alerts and to manage the status of specific Elpas Active RFID tags without the need to access a host RTLS client station.

The EDP contains a four-line, twenty-character LCD for displaying real-time tag and alert status information and a keypad for managing open alerts or tag status. The device has an audible buzzer for indicating the receipt of a new alert or of device malfunction and supports one analog device input and the control of one open-collector digital output.

The BUS Version of the EDP (P/N 5-EDP00485) is powered and communicates via RS-485 while the IP Version of the device (P/N 5-EDP00485-1) supports Ethernet network communications for relaying data to and from a host RTLS application.

The Elpas Display Panel is remote configurable using Eiris Tracking & Management or ELC Programmer Software and supports data transmission with up to fifteen other Elpas BUS devices such as RF or IR Readers, Input/Output Boxes, and LF Exciters.

EDP – Closed Panel View

EDP – Open Panel View

Product Features

Small architecturally attractive, design

Ethernet or RS-485 Bus options

Displays Eiris and ELC Controller alert data

Remote Ethernet configuration & supervision

Wired/Wireless Ethernet/Wi-Fi compatibility

4 line-20 character illuminated LCD display

Modern, slim-line landscape keypad

One analog input / one digital output

RS-485 connectivity

CE, FCC, IC and ISO 9001 certified

Applications and Uses

Infant abduction prevention

Wireless nurse call

Wandering patient tracking and supervision

Wireless patient call

Asset management and loss prevention

Staff attack alerting

Patient/Asset identification

Elpas Display Panel (EDP) – Confidential Technical and Product Specifications

Specifications	
Display	4 line-20 character illuminated LCD
Ethernet – IP Version	10 Base –TX (auto-sensing) / UDP protocol
RS-485 BUS	230Kbit/sec
Green LED Indicator	Lights continuously when powered
Red LED Indicator	**Corrupted Firmware:** Lights continuously **Unregistered in Software:** Toggles on/off every second
Audible Indicator	**Power-Up:** User configurable…….**Device Malfunction:** Beeps continuously **Incoming Alerts:** User configurable
Power Requirements	12–28 Vdc **BUS Version**: 60mA……**IP Version:** 100mA
Construction	White polycarbonate plastic
Dimensions (H x W x D)	11 x 16 x 2.5 cm (4.3 x 6.3 x 1.0 inches)
Weight	260 grams (9.0 ounces)
Keypad	Slim-line landscape keypad
Device Interfaces – IP Version	**Ethernet:** Female RJ-45 (8P8C) connector **Digital Input/Output:** Three-Position terminal block **Power:** Two-Position terminal block
Device Interfaces – BUS Version	**RS-485 Data Bus & Power:** 2 Female RJ-11 (4P4C) connectors **Digital Input/Output:** Three-Position terminal block **Power:** Two-Position terminal block
Encoding	Factory programmed ID
Input/Output	1 analog input 1 open collector digital output (up to 100mA)
Operating Environment	**Temperature:** -10°C to 70°C (14°F to 159°F) **Humidity:** 20% to 80%, non-condensing
Storage Temperature	-40° to 70°C (-40°to 159°F)
Remote Management	ELC Programmer Software (V2.0 or higher)….EIRIS 4.7 (or higher) Enterprise Software
Compliance Standards	CE, FCC, IC pending…..ISO 9001 Certified
Warranty	1-year limited warranty

All specifications are subject to change without notice.

Ordering Information

Part Number	Description
5-EDP00485	Elpas Display Panel, BUS
5-EDP00485-1	Elpas Display Panel, IP

Compatible Accessories

Part Number	Description
5-IOX00001	End-of-Line Terminator for Elpas & AXS Inputs (5 units)
5-JBA00485	RS-485 Junction Box, 4 RJ11 Ports
5-ERS02721	Network Drop Cable, 2.5Meters / 8.0 Feet
5-ERS02721-1	Network Drop Cable, 5.0 Meters / 16.0 Feet
5-500100	Power-Over-Ethernet Splitter, 24Vdc/0.5A
5-ERS02601	P60 Power Supply, 24Vdc/2.5A

About Visonic Technologies

Visonic Technologies (VT) is a global leader in Active RFID/RTLS safety and security solutions for the changing healthcare industry. VT delivers out-of-the-box as well as custom-tailored risk mitigation tools that enhance patient and personnel safety; reduces asset shrinkage and labor costs; lessens negligence litigation and facilitates industry guideline compliance.

Visonic Technologies
Enterprise Protection Solutions

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