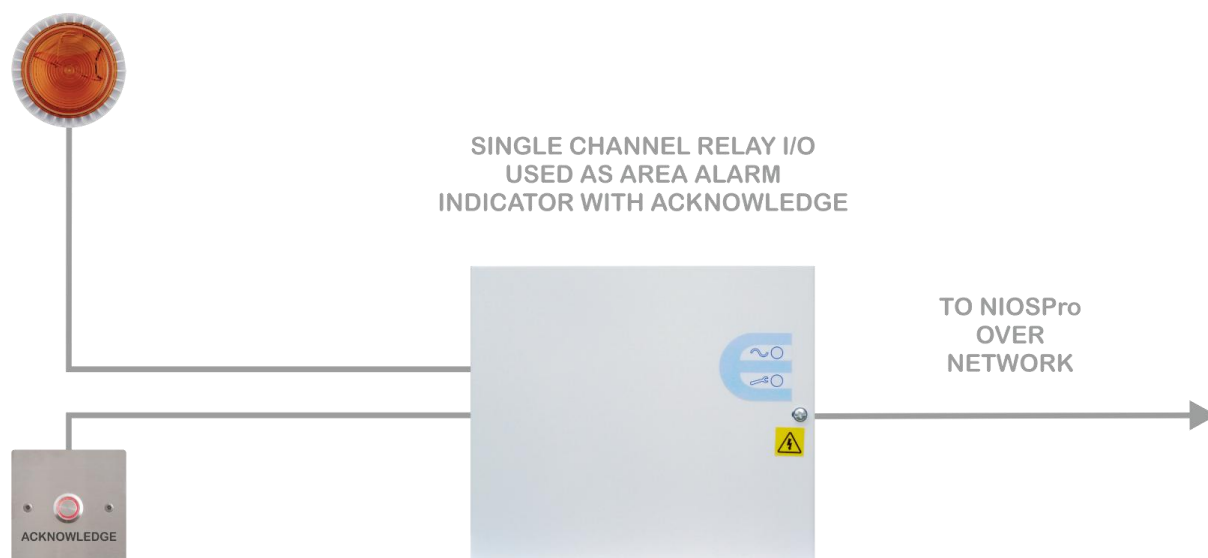# NP 7900-303 NIOSPRO ALARM INPUT/OUTPUT

NIOSPro Networked Alarm Monitoring

WALL MOUNTED PSU WITH NIOSPro I/O

SINGLE CHANNEL RELAY I/O
USED AS AREA ALARM
INDICATOR WITH ACKNOWLEDGE

ACKNOWLEDGE

TO NIOSPro
OVER
NETWORK

NIOSPRO NETWORKED ALARM MONITORING

NIOSPro network alarm monitoring systems offer a great way to add remote monitoring to local alarm systems. NIOSPro comprises up to 200 alarms monitored by multiple remote Folknoll Displays and Workstations - ensuring alarms are reported where they can be seen. NIOSPro systems take advantage of existing network infrastructure to offer cost-effective solutions for **LARGE SITES,** including **OFFICES, HOTELS, HOSPITALS** and other **PUBLIC SPACES**.

WALL MOUNT PSUS WITH NIOSPRO I/O INTERFACE

Our NIOSPro range includes a number of wall mount PSUs with integral I/O for third-party systems. The I/O 1 range offers 1 channel of I/O programmed to implement various interface functions. These PSUs are housed in lockable steel enclosures comprising a PSU, an alarm controller and provision for optional backup batteries.

ALARM CONTROLLERS I/O OPTIONS

The I/O alarm controller are programmed / configured to operate as different types of NIOSPro interfaces.

EA MONITOR

This controller is programmed to operate as a single channel emergency assistance alarm monitor interface complete with acknowledge. The NIOSPro system can be configured to report some or all alarms and faults to this interface. If NIOSPro is configured such that all alarms are reported to this device, this device will acta as a **GLOBAL ALARM** indication.

EA-LATCHED

The controller is programmed operate as an emergency assistance alarm and accept input from a latched source e.g. a third-party alarm system.

EA-UNLATCHED

The controller is programmed operate as an emergency assistance alarm and accept input from an unlatched source e.g. a transient sensor, button etc.

PART NUMBERS

PSU-NIOSPro-IO1-EA-MONITOR

Enclosure	Wall mount, steel, white painted
Dimensions	330 x 275 x 80mm (approx.)
Power source	90-264Vac, 50-60Hz, 500W
Backup battery	Optional
NIOSPro Controllers	1-off NIOSPro controller Programmed as alarm output relay and acknowledge input for third-party alarm indicators. Can be configured as a global alarm indicator.
Ethernet I/F	1-off RJ45 - requiring 1-off static IP address

PSU-NIOSPro-IO1-EA-LATCHED

Enclosure	Wall mount, steel, white painted
Dimensions	330x275x80mm (approx.)
Power source	90-264Vac, 50-60Hz, 500W
Backup battery	Optional
NIOSPro Controllers	1-off NIOSPro alarm controller Programmed as a latched alarm interface for third-party alarm zones
Ethernet I/F	2-off RJ45 - requiring 2-off static IP addresses

PSU-NIOSPro-IO1-EA-UNLATCHED

Enclosure:	2-off, wall mount, steel, white painted
Dimensions	2-off 330x275x80mm (approx.)
Power source	90-264Vac, 50-60Hz, 500W
Backup battery	Optional
NIOSPro Controllers	1-off NIOSPro controller Programmed as an unlatched alarm interface for third-party alarm zones
Ethernet I/F	3-off RJ45 - requiring 3-off static IP addresses

ABOUT FOLKNOLL

We are a UK based systems design, manufacturing and installation company. Since 1975 we have been supplying tough, reliable, practical, alarm and control systems for the private and public sectors. All of our products and systems have been designed for easy installation and low maintenance by experienced engineers. As original manufacturers, all of our products and systems can be customised to suit your requirements. We also offer individual annotation, custom engraving and special finishes for all of our equipment.

GET IN TOUCH

Please contact us for further information about our wide range of products and services and find out how we can provide a solution for you.

Folknoll Group Ltd   **+44 (0) 1763 234567**

19 Old North Rd, Royston, HERTS, SG8 5DT, UK   **www.folknoll.co.uk**   **enquiries@folknoll.co.uk**