

AR - XNIC

NETWORK INTERFACE CARD

General

The Network Interface Card (AR-XNIC) enables the Aaral X4/X8 Analog Addressable Fire Panels and the Network Annunciators (Aaral RP) to connect in a ring network. 16 nodes (panels) peer to peer using this network interface card. The twisted pair cable should be used for interconnecting the panels and distance between two panels (node to node) shall be 1.2Km max. Furthermore, the network must be a closed loop where the output of one fire panel will be connected to the input of the next fire panel. The network card consists of a 3 LED to show the communication status of the Motherboard and NIC card.

Features

- Allows the expansion of up to 16 nodes in a network.
- Supports distance upto 1.2Km Max.
- Configurable as Class A & Class B.
- Status Monitoring LED.



Specification

Electrical Specification		
Operating Voltage	24V DC	
Operating Condition	Operating temperature 0 – 49° C / 32 – 120° F Relative humidity 93 ± 2% RH (non-condensing) at 32 ± 2° C / 90 ± 2° F	
Storage Temperature	60° C	
RS485 Network 2	Wiring style	Class A and Class B
	Wire type	Twisted pair
	Distance between NIC	1.2 km Max.
Wire Size	2.5 Sq mm (#14 AWG)	

Compatible Panel

Models	Description
<i>Aaral X4</i>	Analogue Addressable Fire Alarm Control Panel expandable upto 4 loops
<i>Aaral X8</i>	Analogue Addressable Fire Alarm Control Panel expandable upto 8 loops
<i>Aaral RP</i>	Analogue Addressable Repeater Panel

Ordering Information

Model	Description
AR-XNIC	Network Interface card

India

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