

X-NRI/EN

Network Resource Interface

X-NRI/EN Network Resource Interface is a universal interface of X-618 for external control access and audio extension. It is suitable to the needs of central interfaces management required by middle-to-large applications. The device provides 4 external audio source interfaces and 1 built-in audio source. These audio sources are network audio source which can be shared in the Ethernet.



X-NRI/EN

Functions

BACKUP POWER SUPPLY

X-NRI/EN applies main power supply and 24 VDC backup power supply. Through software configuration, the fault of power supply can be detected. By default the device is running on main power. When the main power is disabled, it automatically relays to backup power supply and the main power indicator on X-NRI/EN front panel turns yellow at the same time. As long as the main power resume to normal, the power supply switch back to main power.

SELF DETECTION

By self detection function, X-NRI/EN can detect faults include Main/Backup power supply, system malfunction, and communication fault and has respective indicators on the front panel. When there is a fault, the fault indicator turns yellow and siren goes off to warn the operators and the fault status will be logged.

EMERGENCY ANNOUNCEMENT

X-NRI/EN provides $32 \times dry$ contact inputs with monitoring for fire alarm integration. Through X-SMART software, voice alarm zones of each X-DCS3000 can be planned in accordance with fire alarm zones as well as the adjacent zones which required by international voice alarm standard. When fire alarm triggering the X-NRI/EN, it automatically communicate with the triggered X-DCS3000 and override the BGM broadcast by pre-recorded voice message of emergency. When proceeding voice alarm in the zones on fire, X-DCS3000 can deliver the different evacuation message to preset neighbor zones.

POWER SUPPLY PROTECTION

X-NRI/EN has main power protection. When internal short circuit or other forms of malfunction come across, the main power supply will be cut off for protection of the device.

EXTERNAL AUDIO SOURCE DELIVERY

X-NRI/EN has 4 RCA terminals for external audio source input. They can be configured by system software in terms of On/Off, the name of audio, multicast address and the type of interfaces, etc. During installation, the external audio source is required physically connection with the inputs and by using X-SMART software, X-NPMS and X-DCS3000 to select the target zones and audio, the audio source can be delivered.

External audio sources can be connected to X-NRI/EN directly such as CD or DVD. There are 4 balanced inputs for paging station connection and through dip switch on the right of rear panel, volume GAIN level can be adjusted and phantom power supply can be turned on/off. The power supply voltage of phantom power supply is DC 24V.

FEATURES AND BENEFITS

- 4 AUX balanced audio input for digitalization of the external analog audio source and routing to the network
- Built-in 1GB Flash memory and 4G SD card as internal audio source
- 4 Ethernet interfaces allow communication of multiple X-DCS3000
- 32 x dry contact control inputs with supervision and input faults can be monitored
- 2 x RS-485 communication terminals

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TECHNICAL SPECIFICATIONS

Main Power Supply -100-240 V, 50/60 Hz Backup Power Supply DC 21.5 V - 28.5 V Main Power Fuse T2 AL 250 V Rated Power 15 W AUXILIARY INPUT Input Channels 4 Input Signal 1 V 0 dBV Input Impedance 20KΩ Frequency Response 60 Hz - 16 Hz S/N >85 dB BALANCED INPUT 4 Input Signal 14 m/ - 37 dBV/ 1 V(odBV) Input Signal 14 m/ - 37 dBV/ 1 V(odBV) Input Signal 14 m/ - 37 dBV/ 1 V(odBV) Input Signal 10 C2 4 V Frequency Response 60 Hz - 16 kHz S/N > 65 dB CONTROL TERMINAL 7 Gger Functs Trigger Inputs 32 inputs (can be monitored) Trigger Outputs (reserved) 8 outputs (NO, NC and COM) Max Working Voltage AC 250 V/ DC 30 V Max Working Current 2.5 A OTHER Ethernet Inefface 1 OM/ 100M Ethernet Switching 4 ports Audio Storage 4 GB SD card 1 GB Flash </th <th>PARAMETERS</th> <th>VALUES</th>	PARAMETERS	VALUES
Main Power Fuse T2 AL 250 V Rated Power 15 W AUXILIARY INPUT Input Signal 1 V 0 dBV Input Signal 1 V 0 dBV Input Impadance 20 KQ Frequency Response 60 Hz - 16 kHz S/N > 85 dB BALANGED INPUT 4 Input Signal 1 4 mV (-37 dBV) / 1 VlodBV) Input Signal 1 4 mV (-37 dBV) / 1 VlodBV) Input Impedance 20 kQ Phantom Power Supply DC 24 V Frequency Response 60 Hz - 16 kHz S/N > 65 dB CONTROL TERMINAL 7 tigger Poutputs (can be monitored) Trigger Poutputs (reserved) 8 outputs (NO, NC and COM) Max Working Voltage AC 250 V / DC 30 V Max Working Current 2.5 A OTHER 1 0 M/1 0 0 M Ethernet Interface 1 0 M/1 0 0 M Ethernet Switching 4 GB SD card 1 GB Flash WORKING ENVIRONMENT 4 (GB SD card 1 GB Flash WORKING ENVIRONMENT 95% (no condensation) Under C = 1,0 °C 1,	Main Power Supply	-100 - 240 V, 50/60 Hz
Rated Power 15 W AUXILIARY INPUT 4 Input Signal 1 V 0 dBV Input Impedance 20 KΩ Frequency Response 60 Hz - 16 kHz S/N >85 dB BALANCED INPUT 85 dB Input Signal 14 mV(-37 dBV) / 1 V(odBV) Input Impedance 20 kΩ Phantom Power Supply DC 24 V Frequency Response 60 Hz - 16 kHz S/N > 65 dB CONTROL TERMINAL 32 inputs (can be monitored) Trigger Inputs 32 inputs (kn, NC and COM) Max Working Voltage AC 250 V / DC 30 V Max Working Curent 2.5 A OTHER 10M/100M Ethernet Interface 10M/100M Ethernet Switching 4 ports Audio Storage 4 GB SD card 1GB Flash WORKING ENVIRONMENT -10 °C ~+55°C Humidity 95 % (no condensation) Operation Temperature -40 °C ~+70 °C SPECIFICATION -40 °C ~+70 °C SPECIFICATION -88 × 420 mm	Backup Power Supply	DC 21.5 V28 5 V
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Net Weight 7.3 kg	Product Dimensions (W×H×D)	482 × 88 × 420 mm
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Gross Weight 10 Kg	Net Weight	7.3 kg
	Gross Weight	10 Kg

Note: Honeywell reserves the right, without notification, to make changes in product design and/or specifications.

X-NRI/EN

PACKING LIST

COMPONENT	QUANTITY
X-NRI/EN Network Resource Interface	1
Dry Contact Input Terminals (8P)	8
Dry Contact Output Terminals (6P)	4
Control Terminal (8P)	1
Balanced Input Terminals (8P)	2
Power Connector Kit	1
Plastic Foot	4
Network Cable	1
AC Power Cable	1
Fuse (2A)	1
Warranty Card	1
Quality Certificate	1
Product Manual	1
Rack	2

ORDERING INFORMATION

ORDERING INFORMATION	DESCRIPTION
X-NRI/EN	X-NRI/EN Network Resource Interface

