SERENIX PROFESSIONAL AUDIO

SR-IPPAA-INTP1

IP network classic intercom panel — full-duplex two-way communication over your existing LAN/WAN, IP54 aluminium housing.

SR-IPPAA-INTP1 is a classic-range IP intercom panel for outdoor or indoor two-way communication in parks, schools, factories, train stations and airports. It has a built-in speaker and microphone and runs full-duplex over standard CAT5 cable or optical fibre.

Pressing the call button rings the call station and shows which panel, and from where, is calling. If a station is busy, does not answer or is faulty, the call transfers automatically to the next call station. A contact input and contact output allow integration with third-party equipment.

No dedicated network is required: the panel builds into an existing LAN/WAN, and one system supports up to 64,000 call stations working at the same time.



SR-IPPAA-INTP1

IP54	64,000	<0.1 s	100 ms	DC 12V
WATERPROOF RATE	CALL STATIONS	START TIME	DATA DELAY	ADAPTER INCLUDED

FEATURES

01

Full-Duplex Two-Way Audio

Built-in speaker and microphone for natural two-way communication, indoors or outdoors.

02

Smart Call Routing

Ring and indicator at the call station show which panel is calling; calls transfer automatically if busy, unanswered or faulty.

03

Runs on Existing LAN / WAN

Over CAT5 or fibre, no dedicated network needed. Embedded Linux with dual ARM and DSP chips; up to 64,000 stations.

04

Rugged, Easy to Mount

Aluminium finish with damage-proof screw fixing. Surface or embedded mounting using the supplied mounting box.

SPECIFICATIONS

Model	**SR-IPPAA-INTP1**
Description	**IP Network Classic Intercom Panel**
Mounting	**Surface or embedded, with supplied mounting box**
Power Supply	**DC 12V (adapter included)**
Power Consumption	**5W**
Network Protocol	**TCP, UDP, ARP, ICMP, IGMP**
Network Speed	**10/100 Mbps**
Audio Sampling	**8 kHz – 44.1 kHz, 16-bit**
Transmission Rate	**8 kbps – 320 kbps**
S/N Ratio	**≥ 90 dB**
Frequency Response	**20 Hz – 20 kHz**
Data Delay	**100 ms**
Waterproof Rate	**IP54**
Connectors	**1 line output, 1 RJ45 (LAN), 1 contact input, 1 contact output**
Dimensions (W×D×H)	**255 × 115 × 50 mm**

All figures are nominal, per manufacturer data.

HIGHLIGHTS

Network: Standard LAN/WAN, CAT5 or fibre.

Scale: Up to 64,000 call stations simultaneously.

Speed: Starts in under 0.1 s; data delay 100 ms.

Integration: One contact input and one contact output for third-party systems.

APPLICATIONS

Parks · Schools · Factories · Train Stations · Airports

Product specifications may change due to continuous product research and development.
Please confirm details with Bronx or a registered partner before deployment.