



Introduction

Amperes IP System has been upgraded from its first model and iPX5101 succeeded iPX5100 as the Paging Server or Ethernet Paging Controller. In this version, more clients within a system are allowed and not limited as previously. Multicast method is employed, and apart from the number of client, the other main advantage is the transmission speed. Progressive delay in receiving audio and data from Paging Mic are eliminated and every client shall receive the transmission simultaneously.

iPX5101 functions as the traffic controller for all paging clients (iPX5151). Every activity from Clients shall be assessed by the Controller and shall route the transmission to its intended destination. It is used to store various parameters of clients connected to it such as priority level, zone configuration, routing destination, etc.

Integration with iPX5151 shall form a complete IP solution to enable paging via Ethernet. Setup process had been made simpler and all are performed via http.

Rear View:



Packing information
 Qty per carton : 1 unit
 W x H x D : 560 x 95 x 295 mm
 Weight : 2.9 kg

Technical Specifications

Power requirement :	
Voltage	18 ~ 24V DC (Normal DC 24V)
Current	350 mA

Connectivity	
- LAN interface	RJ-45, 100Mb/s
- Common protocols	TCP/IP, UDP, IGMP, HTTP
- Priority protocols	UDMP, ADP

Audio	
- Analogue input (peak-to-peak)	1.25Vrms
- Input load resistance	30 Ohm
- Input load capacitance	100 pF
- Total harmonic distortion (THD)	0.1%
- S/N ratio (full scale signal)	83 dB
- Digital format	IMAADPCM / MP3 (CBR / 320 kbps max) / WAV

Client connection	255 Max
User interface	(Web Browser) IE V8+, Firefox V22+, Google Chrome V25+, RS485
Firmware upgrade	Via Web Browser

Operating condition :	
Temperature	-20°C ~ 80°C
Humidity	80%

Case :	
Dimension	482 x 44 x 180 mm
Weight	1.9 kg

Application Schematic

