



AIP-800  
SERIES

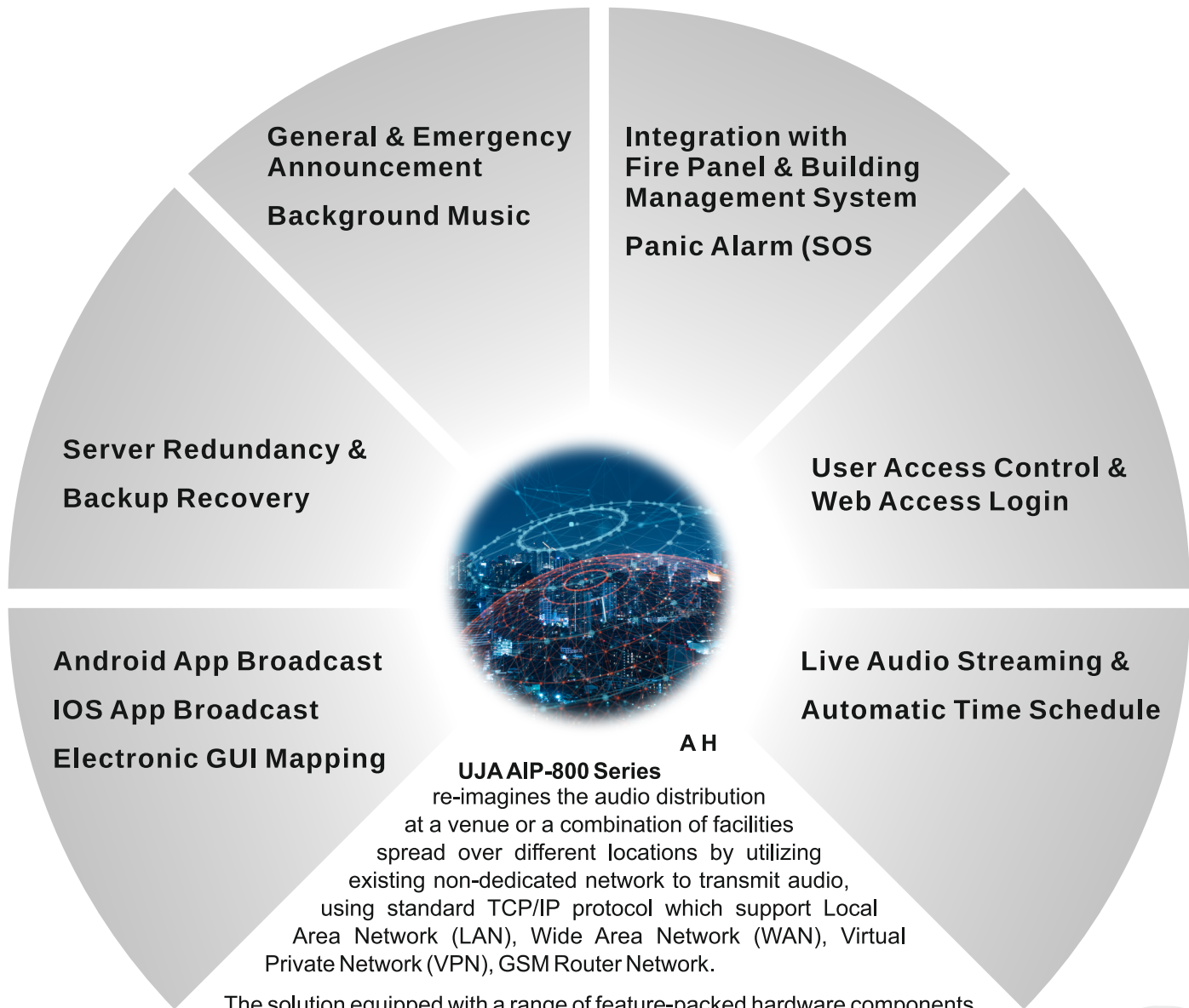
# IP BASED Public Address Solution from AHUJA



Hallmark of Reliability!

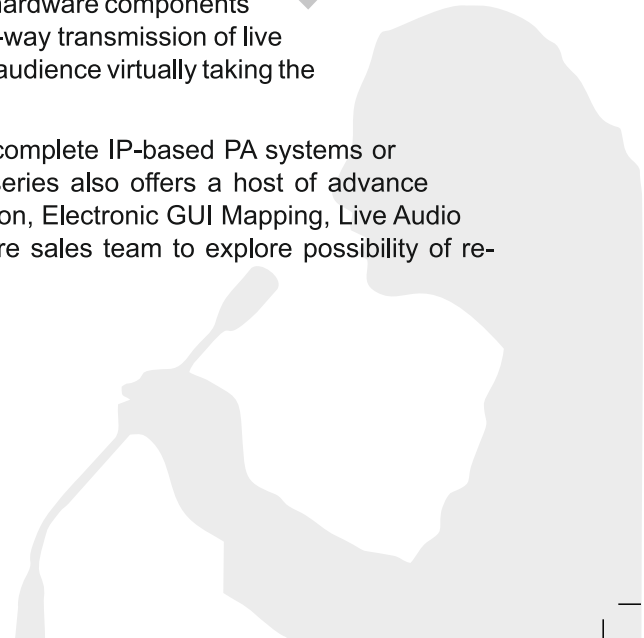


# AIP-800 | SERIES



The solution equipped with a range of feature-packed hardware components backed by a proprietary software, ensures seamless two-way transmission of live announcements as well as recorded content to the intended audience virtually taking the distance factor out of the equation.

Ahuja AIP-800 Series is a solution make it possible to establish complete IP-based PA systems or connect standalone audio systems in different locations. AIP-800 series also offers a host of advance features such as Third Party System Integration with SDK, SIP integration, Electronic GUI Mapping, Live Audio Streaming and much more. Excited! Please get in touch with our smart pre sales team to explore possibility of re-imagining your audio broadcast.



# AIP-800 | SERIES



## AIP-801NM

Network Paging Mic Console

- Zonal paging microphone for installation anywhere on LAN Network system.
- Full duplex network audio paging microphone, built-in one way and two way communication system.
- Zone Paging, Group Paging, all Zone Paging, Two Way Intercom facilities.
- With 7" resistance touch screen, numeric functional keys to call any terminal, adjust volume and adjust music if connected.
- Built-in 2W speaker with excellent sound clarity.

### SPECIFICATIONS

Communication Protocol	TCP/IP, UDP, IGMP
Audio Format	MP3
Transmission Speed	10/100Mbps
Frequency Response	80-16,000Hz
S/N Ratio	>68dB
Built-in Monitor Speaker	2W
Input	Mic In (for handsfree), Line Input
Output	Phone Out, Line Output
Short Circuit Input	Dry Contact Input
Power Supply	DC 24V
Power Consumption	≤8W
Dimensions	W200 x H68 x D160 mm
Weight	830g



## AIP-802SP

Software for Internet Protocol System

The AIP-802SP IP Network Audio System Software is to control and configure the system. It is used to convert analog signal into IP/TCP package audio to transmit through non-dedicated network system. All system and equipment parameters' set up and surveillance can be completed and monitored from this software. Compatible with Windows XP and above operating systems.

AIP-802SP Software Features:- User Management | Group Call Management | Terminal Status Terminal Management | Recording Service | Call logs Report | Call Monitoring | Time Schedule Broadcast | Messages, Report | Terminal Priority | Control Room Call Center | Automatic Call Transfer | Electronic GUI Mapping



## AIP-813NA

Network Audio Unit

- IP network audio unit or decoder to work with external PA amplifier.
- Non-dedicated network system solution.
- Can be installed anywhere on the LAN network.
- Zone definition is done through AIP-802SP software, each network audio adapter could be regarded as one zone, several zones can be defined as group for synchronous operation.
- Direct to receive network digital signal and decodes into analog audio signal.
- 3.4" industrial grade display with infrared remote control to play pre-recorded files stored in server program library.
- Built-in 2x20W (8Ω load) speaker output.
- USB Port to plug in USB stick to play pre-recorded message or media files locally.

### SPECIFICATIONS

Communication Protocol	TCP/IP, UDP, IGMP
Audio Format	MP3
Network Input	Standard RJ45x1, 1 Input
Transmission Speed	10/100Mbps
Frequency Response	80-16,000Hz
Aux Input Sensitivity	350mV
S/N Ratio	≥65dB
Output	1V
Display Size	88.9 mm (3.5")
Power Supply	DC 24V with AC Adaptor
Power Consumption	≤50W
Dimensions	W132 x H83 x D26 mm
Weight	350g



# AIP-800 | SERIES



## AIP-804IC

Intercom Unit

- Two way communication panel with one button press to talk to control room.
- Full IP/TCP network audio system which could be set up over non-dedicated network system.
- Ring call to intercom station microphone and automatic transfer function when no answer or busy.
- One key panic alarm button for emergency alarm or pre-recorded messages.
- Built-in high sensitivity microphone for long distance voice pick up. Built-in 2W full range speaker. Full aluminum body for weatherproof IP65 level
- Ideal communication system for Factories, Hospitals, Mining Plant, Transportation Centers, Prisons, Airport, Metro or other Railway Networks.

### SPECIFICATIONS

Communication Protocol	TCP/IP, UDP, IGMP
Audio Format	MP3
Network Input	Standard RJ45x1, 1 Input
Transmission Speed	10/100Mbps
Frequency Response	314-34,000Hz
S/N Ratio	≥65dB
Built-in Speaker	2W
Line Output	1V
Power Supply	DC 24V with AC adaptor
Power Consumption	≤10W
Dimensions	W81 x H132 x D39 mm
Weight	600g



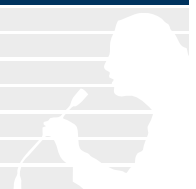
## AIP-805AI

Alarm Interface Unit

- 16 Channel fire short circuit dry contact input.
- Trigger mode: Through Potential free contacts.
- One press key to restore and reset the alarm.
- Exact LED alarm zone display.
- Support standard TCP/IP communication protocol.
- RJ45 communication.

### SPECIFICATIONS

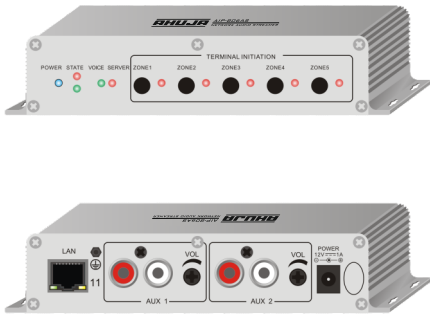
Communication Protocol	TCP/IP, UDP, IGMP (Multicast)
Communication Terminal	RJ-45
Communication Speed	4800BPS
Power Supply	220V-240V ~ 50/60Hz
Power Consumption	25W
Dimensions	W484 x H209 x D44 mm
Weight	3.00kg



# AIP-800 | SERIES

## AIP-806AS

### Network Audio Streamer



- It is used to collect the mixed external analog audio signals and encode the collected audio signals into digital, transfer the same to network audio units.
- Full TCP/IP network audio system which could be set up over non-dedicated network system.
- AIP-806AS has 5 zones output and each zone can be assigned to independent network audio unit placed across the premises through server.
- Support time schedule and temporary audio collection play back task.
- Two sets of built-in Aux level RCA inputs to connect the external instruments or analog audio signal with volume control.
- Flexibility to adapt the various audio devices with different sensitivities with input audio compression function.
- Supports Pulse-code modulation (PCM) method to use digitally represent sampled audio analog signals and standard form of digital audio in computers, compact discs, digital telephony and other digital audio applications.

### SPECIFICATIONS

Communication Protocol	TCP/IP, UDP, IGMP
Audio Format	MP3, PCM
Network Input	Standard RJ45x1, 1 Input
Transmission Speed	10/100Mbps
Frequency Response	60-16,000Hz
S/N Ratio	≥65dB
Audio Mode	ADPCM (Adaptive differential pulse code modulation)
Power Supply	DC 12V with AC adaptor
Power Consumption	≤10W
Dimensions	W156 x H165 x D33 mm
Weight	500g



## AIP-807IP

### Industrial Emergency Intercom Panel

- Professional IP network intercom terminal with dial-up is suitable for intercom communication in extreme harsh environment such as power plant, dam, steel plant, coal plant and mine.
- 5mm thickness alloy enclosure, with very strong structure of waterproof and dust-proof.
- Embedded computer technology and DSP audio processing technology.
- Built-in 1 channel network audio decoding module, supports TCP/IP, UDP, IGMP protocol and realize the networking transmission of 16-bit CD quality audio signal.
- Built-in voice intercom module, support full duplex intercom and call, work with high performance DSP audio processing module to support digital echo cancellation and audio compression function.
- Built in with number buttons and function keys, support calling to any terminal, full duplex intercom.
- Built in with 30W digital amplifier, which could be connected with external rated resistant speakers for paging.

### SPECIFICATIONS

Network Input	Standard RJ45 Input
Protocol	TCP/IP, UDP
Transmission Rate	100Mbps
Frequency Response	80Hz~16KHz +1/-3dB
S/N Ratio	>65dB
External Speaker Power	30W
Operating Temperature	-20°- 60°C
Output	Line Output
Power Supply	220-240V 50/60Hz
Power Consumption	≤40W
Dimensions	W205 x H320 x D120 mm
Weight	5.50kg

# AIP-800 | SERIES



## AIP-P25HS

### PoE Horn Speaker

- It is a professional integrated horn speaker that supports POE power supply module and audio decoding module with network transmission.
- Equipped with embedded computer technology and DSP audio processing technology.
- Built-in 1 channel network hardware audio decoding module supports TCP/IP, UDP protocols and realizes networked transmission of 16-bit CD sound quality audio signals.
- Fully compatible with POE (IEEE 802.3at) standard power supply mode, it needs to connect to the POE switch with only one network cable. The construction is simple and convenient. The maximum connection distance is 80 meters.
- The internal circuit has an automatic voltage limiting function, so that the digital power amplifier is always in the state of optimizing performance and maximizing efficiency. And the standby SNR is  $\geq 68\text{dB}$  (without weighting).
- A specific high-band, high-sensitivity PA unit with sufficient power and clear and loud sound quality.

### SPECIFICATIONS

Network Input	RJ45
Transmission Speed	100Mbps
Communication Protocol	TCP/IP, UDP
Transmission Speed	10/100Mbps
Frequency Response	300-14,000Hz
S/N Ratio	$\geq 68\text{dB}$
Audio Format	MP3
Power Output	25W
Power Supply	PoE
Power Consumption	30W (IEEE802.3at)
Dimensions	Dia 322 (L392) mm
Weight	2.60kg



## AIP-P25SC

### PoE Column Speaker

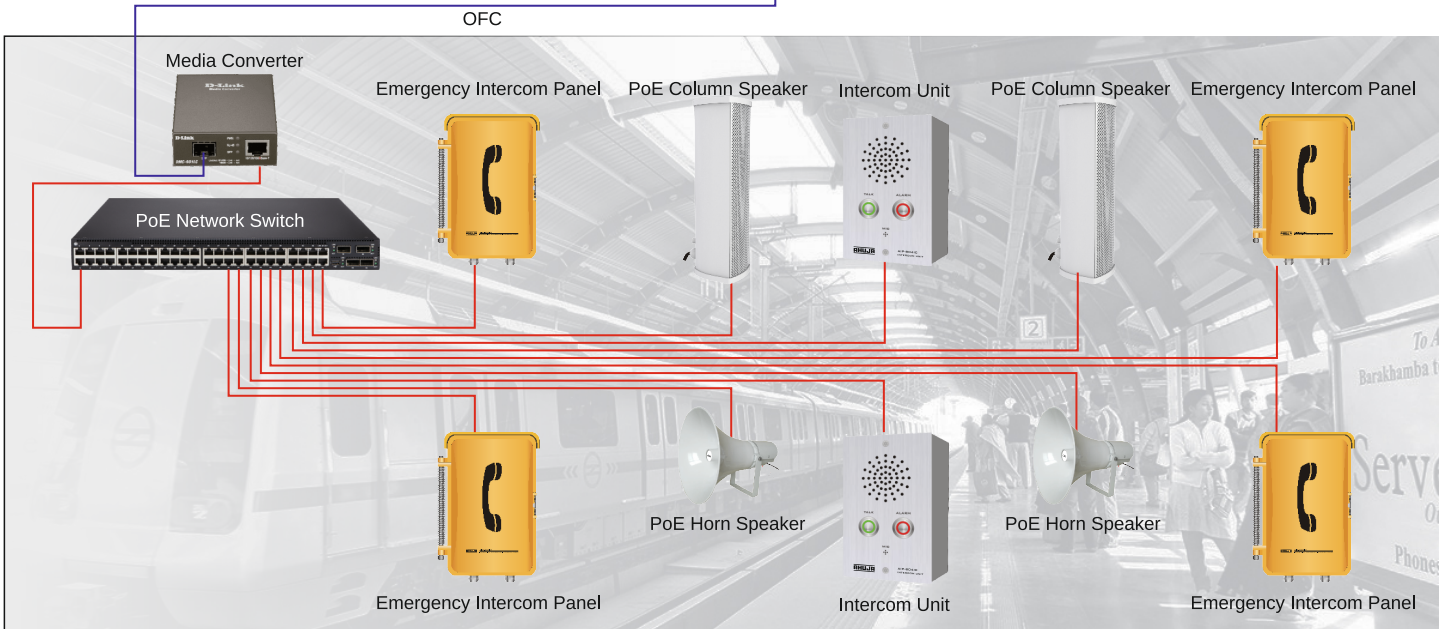
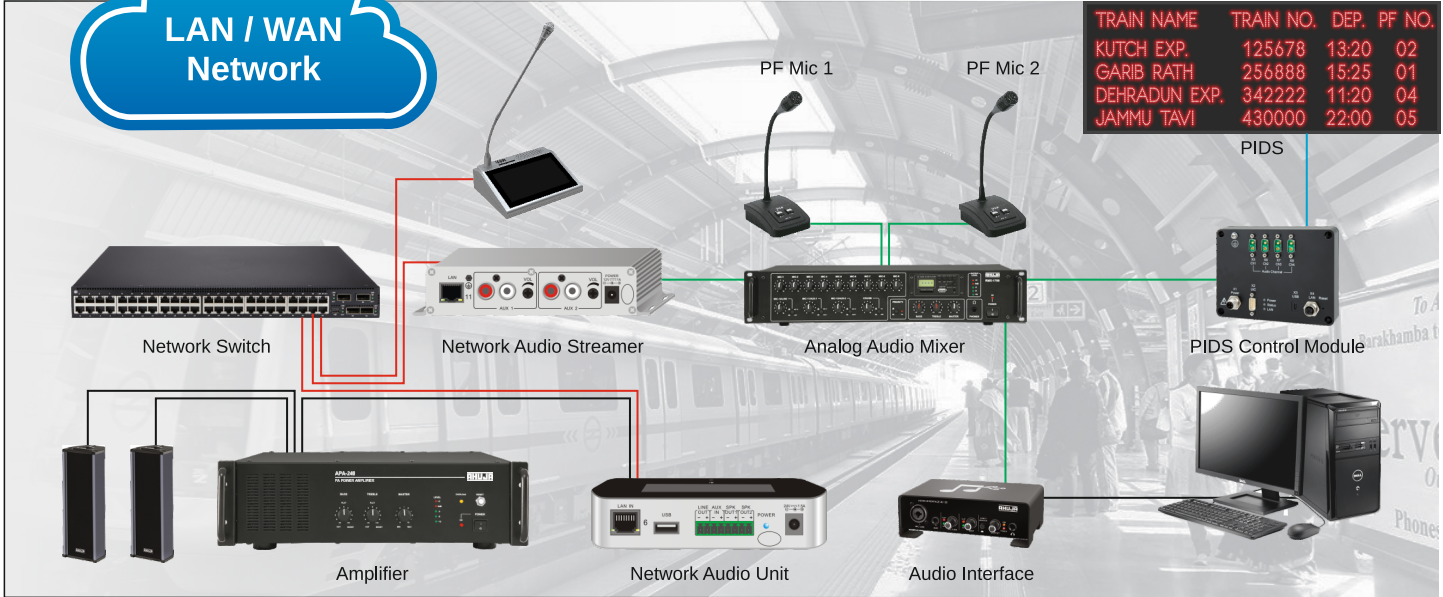
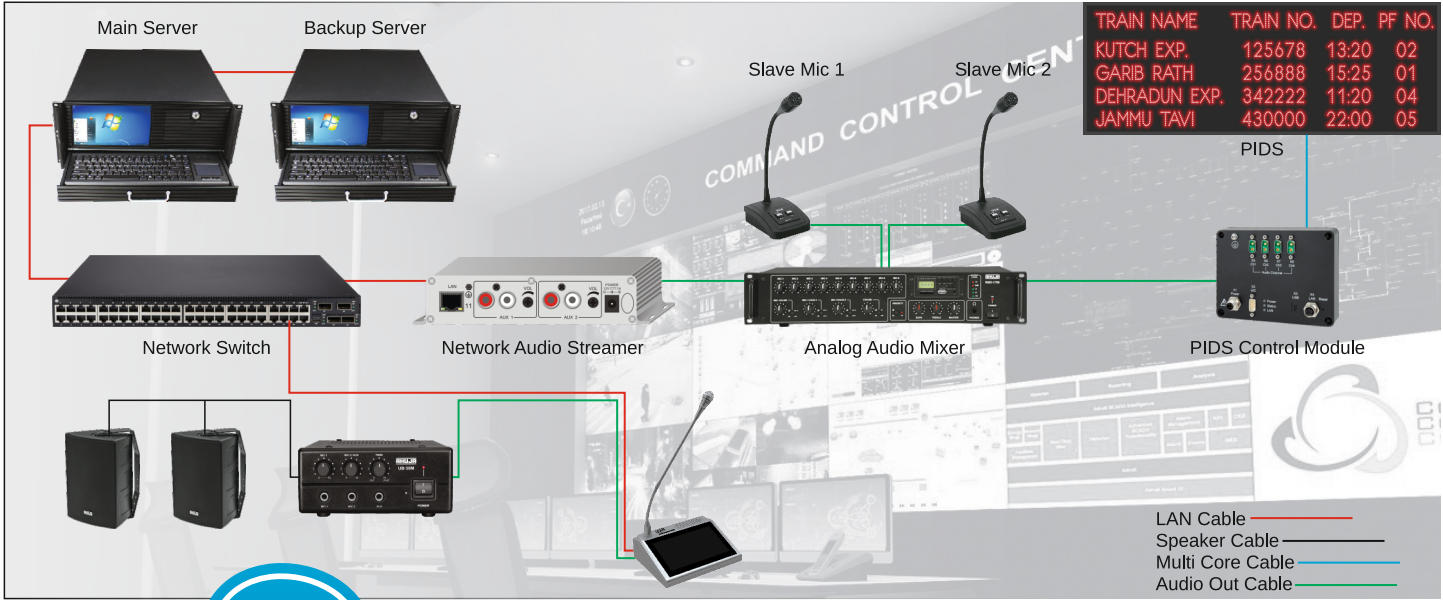
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### SPECIFICATIONS

Network Input	RJ45
Transmission Speed	100Mbps
Communication Protocol	TCP/IP, UDP
Transmission Speed	10/100Mbps
Frequency Response	130-16,000Hz
S/N Ratio	$\geq 68\text{dB}$
Audio Format	MP3
Speakers	4 × 101.6 mm (4.0")
Power Output	25W
Power Supply	PoE
Power Consumption	30W (IEEE802.3at)
Dimensions	W85 x H294 x D90 mm
Weight	1.50kg



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