iFS4020 iCS6020 iHS8020 iPS8020

Ethernet IP PoE Speakers



iFS4020

20W IP PoE Full Range Box Speaker



iCS6020

20W IP PoE Co-Axial Ceiling Speaker



iHS8020

20W IP PoE ABS Horn Speaker



iPS8020

20W IP PoE Pendant Ball Speaker

Amperes IP PoE Speakers provide an easy way to install BGM or paging speakers in IP-based PA systems without long home-run cabling, as long as a network port is available. Available in box, ceiling, horn and pendant models, they are PoE-powered with built-in Class D amplifiers and integrate seamlessly with Amperes iPX systems, receiving audio from PMX Software or through iPX5200 for audio streaming and paging.

e²vis Compatible

Technical Specifications

PoE Speakers	iFS4020	iCS6020	iHS020	iPS8020
Power rating	20W			
Power source	PoE+ (IEEE 802.3 at 48V)			
Standby power consumptions	0.5W			
Operating power consumptions	15W Max			
Amplifier rating	20W 4 Ohm			
Speaker type	2-way (4" woofer + 1" tweeter)	2-way (6" woofer + 1" tweeter)	Compression coil	2-way (8" woofer + 1" tweeter)
Speaker driver diameter	4" (100mm)	6.5" (165mm)	2" (50mm)	8" (200mm)
Sensitivity @ 1 kHz / w / m	87 dB	90 dB	92 dB	110 dB
Frequency response (±3 dB)	105 – 18 kHz	115 – 19 kHz	200 – 8 kHz	90 – 18 kHz
S/N ratio	85 dB			
Audio codec	IMA ADPCM / MP3 / WAV			
Network and protocols	100 Base-T / TCP/IP, UDP, IGMP, HTTP, ADMP, ADP			
User interface & firmware update	Web browser interface (Google Chrome V90+ preferred)			
Priority controls	Paging over BGM			
Operating temperature	0°C to 70°C			
Relative humidity	<70%			
Housing	ABS enclosure & aluminium grille	ABS enclosure & metal grille	ABS	
Dimensions	165 (W) x 270 (H) x 170 (D) mm	240 (dia) x 142 (H)	293 (W) x 212 (H) x 290 (D) mm	254 (dia)
Net weight	1.95 kg	1.85 kg	1.80 kg	1.90 kg
Colour	Black	White		

Packing Information

	iFS4020	iCS6020	iHS8020	iPS8020
Carton size	370 (L) x 370 (W) x 600 (H) mm	565 (L) x 565 (W) x 370 (H) mm	590 (L) x 455 (W) x 615 (H) mm	320 (L) x 320 (W) x 305 (H) mm
Gross weight	17.80 kg	18.20 kg	16.50 kg	3.05 kg
Qty/carton	8 units per carton	8 units per carton	8 units per carton	1 unit per carton