



PROV-H-631

High-Fidelity SIP Intercom Speaker

Powerful Sound, Seamless Communication.

Outdoor IP Speakers
PROV-H Series

PROV-H-631 Features

The PROV-H-631 is a high-fidelity full-duplex SIP intercom speaker with advanced echo cancellation technology and a 30W high-fidelity speaker. It delivers clear, rich sound quality suitable for public spaces. It supports group broadcasting, built-in black/white lists, and a trusted SIP server mechanism to shield from unnecessary calls and malicious internet attacks. When connected with other PROVCOM devices (IP phones, video conferencing terminals, etc.), users can build an advanced, secure, and feature-rich intercom and broadcasting solution. Perfect for malls, schools, hospitals, and other large-scale public areas.



SIP and Multicast Support

Ensures flexible integration with SIP servers and multicast paging systems.



External Pickup Interface

Supports an optional 6m pickup module for extended coverage.



One-Touch Multi-Function Button

Provides user-friendly control with voice prompts and factory reset option.



HD Audio Technology

Ensures high-definition sound with acoustic echo cancellation and noise reduction.



Flexible Power Options

Operates with standard power adapter (431) or built-in PoE support (431P)



Group Broadcasting & Multicast Paging

Enables effective wide-area announcements and paging.



Dual SIP Accounts

Supports two SIP accounts and two simultaneous call lines for flexibility.



High-Fidelity 30W Speaker

Delivers clear and powerful sound for large public environments.



Secure Communication

Advanced protection with TLS, SRTP, and AES encryption to safeguard calls and data.



Trusted SIP Server Mechanism

Protects against malicious attacks using whitelist and blacklist control.

Model	Network	PoE	Power Adapter
PROV-H-631	100M Ethernet port	X	✓
PROV-H-631P	100M Ethernet port	✓	Optional

Technical Specifications

Technical Specifications		
Category	Feature	Details
Telephone Functions	SIP Intercom	✓
	Multicast Paging	✓
	Answer by Priority	✓
HD Voice	Coding & Speakers	Ultra-wideband high-definition voice
Speaker	Output Power	30W high-fidelity speaker
Security	User Rights	User/Admin differentiation
	Authentication	MD5, MD5-sess
	Encryption	bit AES profile-256
	Protocols	TLS, SRTP, HTTPS
QoS	Access Control	802.1x media access control
	Layer 2	802.1Q, 802.1p
	Layer 3	ToS, DiffServ, MPLS
Multi-language Support	Languages	Simplified Chinese, Traditional Chinese, English, Turkish, Korean, Russian, French, Italian, German, Polish, Portuguese, Japanese, Spanish, Thai, Hindi, Arabic, Vietnamese, Farsi
Upgrade / Configuration	Firmware Upgrade	TFTP/HTTP/HTTPS upload
	Local Upload	HTTP supported
	Large-scale Deploy	TR-069 / AES-encrypted XML config
Power & Energy Saving	PoE	Integrated PoE IEEE 802.3af Class 3
	Standard	IEEE 802.3af / IEEE 802.3at

Product Specifications	Dimensions	mm 233 × 162 × 222
	Net Weight	kg 1.35
Temperature & Humidity	Working	-40°C ~ +70°C
	Storage	-40°C ~ +70°C
	Humidity	10%to 95% RH non-condensing
Packing List	Included	One PROV-H-631 host, Universal power adapter (optional), Cable, Quick Installation Guide Manual
Standards & Certifications	FCC	Part 15 (CFR 47) Class B, Part 15C, Part 15E, MPE
	CE	EN 55032, EN 55024, EN 61000-3-2, EN 61000-3-3, EN 60950-1
	Others	EN 301 4891/17, EN 300 328, EN 301 893, EN 62311
	RoHS	Compliance
	RCM	AS/NZS CISPR 32/24, AS/NZS 60950.1, AS/NZS 4268
	IC	ICES 003, RSS 247, RSP-100, RSS 102
Protocols & Standards	Protocols	SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, TFTP, NTP, STUN, LLDP-MED, TR-069, 802.1x, TLS, SRTP, IPv6, OpenVPN
Speech Coding	G.711 μ/a	✓
	G.722	(wideband) ✓
	G.726-32	✓
	iLBC	✓
	Opus	✓
	G.729A/B	✓
	DTMF	In-band / RFC2833 / SIP INFO
	Others	VAD, CNG, AEC, PLC, AJB, AGC, ANS
Network Interface	Port	One 10/100 Mbps network port
	Power	+Integrated PoE/PoE
Pickup Function	Module	Optional 6m pickup module
Auxiliary Interface	Input	pin multi-purpose port-3