

PROVCOM



## PROVCOM Microphone

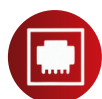
**PROV-H-216P**

Smart Android Console for Unified  
Communication



# PROV-H-216P Feature

The PROV-H-216P from PROVCOM is an advanced IP touch console designed for centralized communication, broadcasting, and monitoring in command and control environments. It features a large 10.1-inch HD touch screen, 20 SIP line support, built-in camera, high-quality gooseneck microphone, PTM handset, and full integration with PROVCOM public address systems. This device is suitable for applications in healthcare, transportation, industry, and large institutions.



## 1. SIP Lines

Supports up to 20 simultaneous SIP sessions, ensuring extensive multi-line voice communication for large-scale operations.



## 2. Android 9.0 Operating System

Delivers a secure, app-compatible platform with full Android API support for customization and third-party integrations.



## 3. 10.1-inch Capacitive Touchscreen

High-resolution (1280x800) display with responsive multi-touch support for intuitive navigation and quick access to system functions.



## 4. Virtual DSS Keys

Provides 116 programmable on-screen keys for one-touch paging, intercom, and control macros, streamlining user workflows.



## 5. Integrated 8MP Camera

Adjustable-angle camera with privacy shutter enables video intercom and conference capabilities without external peripherals.



## 6. Gooseneck Microphone

Flexible, noise-cancelling microphone arm offers extended pickup range and crystal-clear audio for announcements and calls.



## 7. HD PTM Handset

High-fidelity handset with optional push-to-talk (PTT) button provides ergonomic comfort and reliable voice quality.



## 8. Built-in Broadcast Software

Enables serverless audio broadcasting and public address functions directly from the console for quick announcements.



## 9. Dual Gigabit Ethernet with PoE

Combines data and power over a single cable for simplified installation, supporting network speeds up to 1 Gbps.



## 10. Wi-Fi and Bluetooth Connectivity

Dual-band 2.4/5 GHz Wi-Fi and Bluetooth 5.0 support wireless onboarding, external accessories, and remote app control.



## 11. Conferencing Capabilities

Facilitates up to 10-party audio and 3-party video conferencing with built-in software, reducing the need for external MCUs.



## 12. System Compatibility

Seamlessly integrates with standard SIP servers and PROVCOM paging systems for unified communication across platforms.



# PROV-H-216P Specifications

## Audio & Video Capabilities

Specification	Details
Audio Codecs	G.711a/u, G.729AB, iLBC, G.722, Opus
Audio Enhancements	AEC, NR, PLC, Adaptive Jitter Buffer
Camera	8MP, adjustable, privacy shutter
Video Codecs	H.264 (H.265 optional)
Supported Resolutions	CIF, VGA, 720p, 1080p
Supported Formats	MP4, JPEG, PNG, BMP
Bandwidth & Frame Rate	64kbps–4Mbps; 5–30fps

## Call & SIP Features

Call Feature	Description
Basic Call Handling	Call out, answer, reject, mute, hold, resume
Advanced Call Options	Call transfer, call forwarding, BLF, hotline
Intercom & Paging	SIP hotspot, group broadcasting, intercom
Directory & Logs	Local & remote phonebooks, 1000 call logs
Conferencing	10-party audio and 3-party video conference

## Networking Specifications

Networking Feature	Details
Ethernet Ports	2 x 10/100/1000 Mbps (Network & PC bridged)
IP Configuration	Static IP, DHCP, IPv4/IPv6
Network Protocols	SIP2.0, RTP/SRTP, STUN, SNTP
Security Protocols	802.1x, OpenVPN, HTTPS
Supported Services	FTP, TFTP, HTTP, TR-069

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## Management & Provisioning

Management Capability	Details
Auto-Provisioning	Via FTP, TFTP, HTTP, HTTPS, DHCP Option 66
Web Configuration	Full-featured web management interface
Remote Access	Supports Telnet and SSH
Security	AES-encrypted config file support
Upgrade & Reset	Web upgrade, factory reset

## Physical Specifications

Component	Specification
Display	10.1" color touch screen (1280x800)
Keys	Volume, Home, Hands-free, Return
Handset	HD PTM (standard or PTT optional)
Microphone	Directional gooseneck mic ( $\geq 60$ dB SNR)
Ports	2 x RJ9, 2 x RJ45, 1 x USB 2.0, safety slot
Power Supply	DC 5V/2A or PoE
Power Consumption	PoE: 2W–9.77W; Adapter: 1.2W–7.75W
Operating Temp	0°C to 45°C
Humidity	10% to 95% RH
Installation	Desktop
Device Dimensions	309 x 214 x 187 mm (with stand)
Packaging	Gift box: 323x301x71 mm; Carton: 624x383x348 mm (10 units)
Weight	N.W: 19.94 kg, G.W: 20.94 kg per carton

## Application Scenarios

