



GSC3574 & GSC3575

HD Intercom and Facility Control Station

GSC3574 and GSC3575 are advanced HD Intercom and Facility Control Stations designed for residential buildings, office complexes, and commercial spaces. These cutting-edge devices seamlessly integrate video intercom, facility management, security monitoring, Unified Communications (UC), and electronic doorplate management. Equipped with advanced AI voice recognition and voice-masking technology, each station features a sleek 7-inch high-definition touchscreen and premium full-duplex audio. For flexible installation, the devices support PoE power supply via a 100 Mbps network port as well as dual-band Wi-Fi 6 connectivity. These features make GSC3574 and GSC3575 the premier choice for integrated security, access control, and communication deployment.

Feature Highlights



Feature dual-band Wi-Fi 6 connectivity for high-speed wireless networks.



Equipped with 8 alarm inputs and 2 relay outputs, allowing seamless integration with external security devices.



Include integrated Bluetooth 5.0 for effortless peripheral pairing.



Run on a pre-installed Android 14 OS, offering absolute compatibility with your preferred third-party applications.



Built for large-scale deployments, linking up to 50 door stations and 32 IP cameras effortlessly.



Fortified with Secure Boot, comprehensive data encryption, and TLS/SRTP protocols to guarantee maximum call and account privacy.



Feature cutting-edge AI abnormal sound detection (instantly recognizing gunshots, breaking glass, screams, or distress calls) and an integrated voice-masking feature for occupant privacy.



Act as a local PBX host server that manages up to 20 extension devices on a private network, allowing them to share a single SIP account for unified internal and external calling.

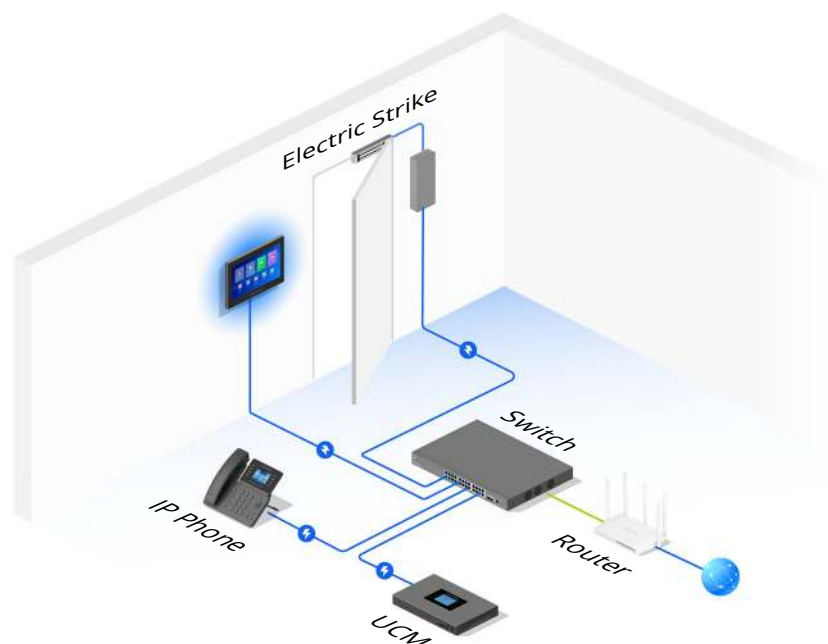


Transform into active meeting room panels, empowering users to check real-time occupancy, reserve slots, and extend schedules directly from the screen.

Standard Deployment

From the wall-mounted indoor Control Station, operators or residents can instantly review high-definition live video from the door stations to verify visitor identities, conduct crystal-clear two-way audio conversations, and issue a direct electronic command to release the door's electric strike lock.

The indoor station provides absolute visibility and centralized access control over the entryway from a single intuitive touchscreen.



AI Capabilities

Abnormal Sound Detection (Coming Soon): Instantly detects critical acoustic events—such as glass shattering, gunshots, screams, or distress calls—to trigger immediate security alerts.

Voice Masking for Privacy: Features an integrated voice changer to alter vocal pitch and tone, protecting the occupant's true identity and enhancing safety when interacting with strangers at the door.

Smart Voice Assistant (Coming Soon): Enables hands-free control, voice commands, and prompt execution of local system instructions.



Flexible Usage Modes



Indoor Station

GSC3574 and GSC3575 act as hubs for receiving and answering calls from door stations, making them suitable for office buildings, hotels, apartments, shopping malls, and other environments requiring access control or alarm systems. When deployed alongside external security devices, they allow you to easily build a comprehensive security network.



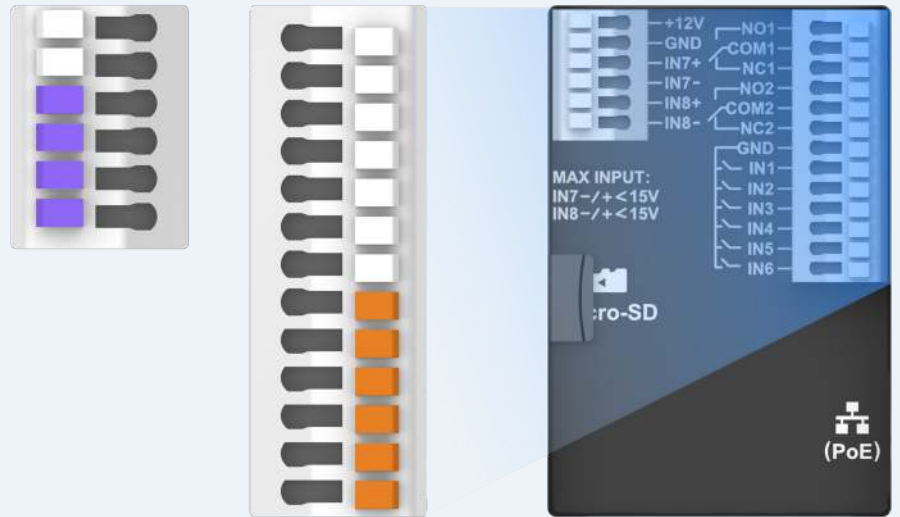
Meeting Room Panel

Once the meeting room server is configured and connected to GSC3574 and GSC3575, end users can seamlessly book rooms via Wave (web, desktop or mobile app), while administrators can manage schedules through the UCM Web UI. On-site users can check real-time occupancy, reserve slots, and extend meetings directly from the touchscreen display.

Security Integration via Alarm Ports

GSC3574 and GSC3575 feature a versatile array of onboard alarm interfaces, allowing you to easily connect and manage external safety devices within your local security network.

The integrated alarm inputs support two deployment configurations:



Active Alarm Inputs (Voltage-Triggered)

Utilizes isolated interfaces for precise voltage signal detection across a 9–15 V range from active sensors.

Passive Alarm Inputs (Dry Contact)

Engineered for direct, zero-voltage integration with standard hardware like manual emergency buttons, door switches, or passive sensors.

Built-in PBX Server Architecture

GSC3574 and GSC3575 can function as a standalone local PBX host, effortlessly creating a private network with up to 20 sub-extension devices for internal intercom calling.

Both host and extension units share a single, unified SIP account—ensuring synchronized simultaneous ringing and seamless call handling across the entire facility.



Hardware Overview



GSC3575

① LED Indicator (For Indoor Station)	② LED Strip (For Meeting Room Panel)	③ I/O Terminal Blocks	④ Reset
⑤ USB Port	⑥ Reset	⑦ TF Card Slot	⑧ 10/100 Mbps PoE Ethernet Port

*This hardware diagram for the GSC3575 also applies to the GSC3574.
For the detailed differences, please refer to the specification list below.

Technical Specifications

		GSC3574	GSC3575
Basic	Unit Dimension	182 mm × 122 mm × 26.2 mm (7.17" × 4.80" × 1.03")	
	Package Dimension	230 mm × 154 mm × 67 mm (9.06" × 6.06" × 2.64")	
	Unit Weight	408 g (0.90 lb)	
	Package Weight	729 g (1.61 lb)	
	Installation Methods	Wall Mount, Desktop	
Performance	Memory	2 GB RAM, 8 GB eMMC Flash	
Physical Features	Device Color	White	Black
	LCD Display	7" 1024 × 600 Capacitive Touch Screen, TFT LCD	
	LED	Dual-color (Red/Green): • As a meeting room panel: Red/Green LED Light Strip on left, right, and top • As an intercom and facility control station: Red/Green status indicator LED on top	
Ports	Network Port	1 × 10/100 Mbps PoE Ethernet port	
	Alarm Input	8 channels: 6 × Alarm Short-In, 2 × Alarm Voltage-In	
	Relay Output	2 channels, max 125 V AC/0.5 A or 30 VDC/2 A	
	Grounding	2 × GND ports	
	USB Port	1 × Type-A USB 2.0 port	
	TF Card Slot	1 × microSD card slot (up to 512 GB)	
	Button	1 × Reset Pinhole	
Connectivity	Bluetooth	Bluetooth 5.0	
	Wi-Fi	Dual-band Wi-Fi 6 802.11 a/b/g/n/ac/ax (2.4 GHz & 5 GHz)	
Power	Power Supply	2-pin DC input: 12 V DC/1.5 A	
	PoE Standard	802.3af Class3	
Audio	Microphone	1 microphone	
	Speaker	Dual speakers, 1.5 W	
Video	Max Resolution	1280 × 720	
	Max Frame Rate	30 fps	
Environmental Endurance	Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)	
	Storage Temperature	-10 °C to 60°C (14 °F to 140 °F)	
	Operating Humidity	10%–90%, non-condensing	
	Storage Humidity	10%–90%, non-condensing	
Certification	Compliance	FCC, CE, RCM, EAC	

Key Features

		GSC3574	GSC3575
System	Operating System	Android 14	
	Network Protocol	SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP, ICMP, DNS (A Record, SRV, NAPTR), DHCP, SSH, TFTP, NTP, STUN, SIMPLE, LLDP-MED, LDAP, TLS, SRTP, 802.1X, IPv6, OpenVPN, TR-069	
	Telephony Features	• 6 SIP Accounts • Hold, Call Waiting, Call Log, Auto Answer	
	Audio Codecs	G.711μ/a, G.722 (wideband), G.726-32, iLBC, Opus, G.729A/B, in-band and out-of-band DTMF (In-audio, RFC2833, SIP INFO), VAD, CNG, AEC, PLC, AJB, AGC, ANS	
	Video Codecs	H.264 BP/MP/HP and M-JPEG streaming	
	HD Audio	Yes (Wideband audio, acoustic echo cancellation, and stereo media playback support)	
	QoS	Layer 2 (802.1Q, 802.1p), 802.11e and Layer 3 (ToS, DiffServ, MPLS)	
	Security	Secure Boot & Data, dual firmware images for high reliability, unique default administrator password, user- and administrator-level passwords; SIP Digest Authentication (MD5, MD5-sess), 256-bit AES encrypted configuration files, SRTP, TLS, 802.1X network access control	
	Upgrade	Firmware upgrade via TFTP, HTTP, HTTPS, SD card and USB	
	Provisioning	Mass provisioning using TR-069, local upload firmware or AES encrypted XML configuration file	
	Applications and Integration	• Local apps: Contacts, Call History, Settings, Voicemail, File Manager • API/SDK available to allow integration with 3rd party door system products	
Arming and Alarms	Zone Type	Doorbell, Open door, Infrared, Smoke sensor, Gas, Door magnet, Urgency and Others	
	Alarm Type	• Supports up to 10 custom alarm profiles • Supports delay, instant, and 24-hour alarm	
	Arming Mode	Outdoor, Indoor, Sleeping, Custom	
Management Platforms	Local Management	Local Web GUI which comes with the embedded controller	
	Cloud Management	Supports cloud-based management via GDMS UC, GDMS SecureAccess (pending) and Grandstream SecureAccess app (pending)	
Localization	Multilingual	English, German, Italian, French, Spanish, Portuguese, Russian, Polish, Hebrew, Czech, Dutch, Turkish, Swedish, Ukrainian, Arabic, Chinese, Korean, Japanese and others	

Package Contents

		GSC3574	GSC3575
Standard Items	Primary Unit	1 × HD Intercom and Facility Control Station	
	Manual and License	1 × Quick Installation Guide 1 × Certification Regulatory Information	
	Installation Accessories	1 × 0° Wall Mount Bracket 1 × 20° Desktop/Wall Mount Bracket 1 × Glass Adhesive Tape 6 × Pan Head Tapping Screws (ST3.5 × 33 mm) 6 × Plastic Anchors 2 × Pan Head Machine Screws (M2.6 × 6 mm)	

Ordering Information

	Item	Description
GSC Control Station	GSC3574	HD Intercom and Facility Control Station (White)
	GSC3575	HD Intercom and Facility Control Station (Black)

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