

## Grandstream GSC3560 Smart Outdoor Intercom (GSC3560)



Product Name: Grandstream GSC3560 Smart Outdoor Intercom (GSC3560)

Manufacturer: Grandstream

Model Number: GSC3560

### Grandstream GSC3560 Smart Outdoor Intercom (GSC3560)

The Grandstream GSC3560 Smart Outdoor Intercom is a rugged, IP66 and IK10-rated SIP-based audio intercom designed for demanding outdoor deployments including schools, residential communities, SMBs, metro stations, senior living facilities, and high-security environments. Built with a durable metal casing, the GSC3560 delivers industrial-grade protection against dust, water, and impact across its entire surface. The GSC3560 features a dual-microphone array with a pickup distance of up to 6 m, a high-performance 10 W speaker delivering 90 dB in intercom mode and 100 dB in broadcast mode, and AI-powered noise suppression for crystal-clear audio in noisy environments. A built-in Solid State Relay (SSR) on the second relay output provides robust protection against external magnetic interference, making it well suited for high-security lock control. Door unlock is supported via SIP call, HTTP API, or the Grandstream SecureAccess app. Connectivity is handled via a single 10/100 Mbps PoE+ (802.3at) Ethernet port, simplifying installation. The versatile I/O terminal block integrates alarm inputs, line-out for external speakers or induction loops, RS-485, and two relay outputs into a unified security network. Cloud-based management is available through GDMS UC, GDMS SecureAccess, and the Grandstream SecureAccess app, and the GSC3560 is compatible with Home Assistant for smart home integration. Grandstream GSC3560 Technical Specifications:

#### System

• Unlock methods: SIP, HTTP API, Grandstream SecureAccess app

• Network protocols: TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, TR-069, ARP/RARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, SSH, SMTP, TFTP, NTP, STUN, SIMPLE, TLS, SRTP

• Telephony features: SIP Paging, Multicast Paging, Call-waiting with priority override

• Audio codecs: G.711&micro;/a, G.722 (wideband), G.726-32, G.729; in-band and out-of-band DTMF (In audio, RFC2833, SIP INFO); VAD, CNG, AEC, PLC, AJB, AGC, ANS

• Noise suppression: AI noise suppression and classic noise suppression

• QoS: Layer 2 (802.1Q, 802.1p, 802.11e) and Layer 3 (ToS, DiffServ, MPLS)

• Security: user and administrator level passwords, 802.1x media access control authentication, Ed25519 and X25519-based TLS, SRTP, HTTPS, 256-bit AES encrypted configuration file

• Firmware upgrade: TFTP, HTTP or HTTPS

• Provisioning: TR-069, local upload firmware or AES encrypted XML configuration file

#### Alarms

• Alarm events: Tamper Alarm, Wrong password alarm of remote open door, Exceeded Access Time Limit Alarm, High Temperature Alarm, Insufficient Power Alarm, SD Card Alarm

• Alarm linkage methods: Sync Alarm Info to App, Cloud Call Alarm, Sync Alarm Info to Home Assistant

#### Management

• Local management: local Web GUI with embedded controller

• Cloud management: GDMS UC, GDMS SecureAccess, Grandstream SecureAccess app

• Third-party integration: compatible with Home Assistant

• Languages: English, German, Italian, French, Spanish, Portuguese, Russian, Chinese

#### Ports and Interfaces

• Network: 1 x 10/100 Mbps PoE+ Ethernet port

## Grandstream GSC3560 Smart Outdoor Intercom (GSC3560)

• 1/2 Audio output: 1 channel, differential line out  
• 1/2 RS-485: 1 port  
• 1/2 Alarm input: 2 channels  
• 1/2 Relay output: 2-channel outputs for lock control and alarm linkage:

• 1/2 Output 1 (NO1/COM1/NC1): auxiliary relay for alarm linkage and standard lock control  
• 1/2 Output 2 (NO2/COM2/NC2): anti-magnetic Solid State Relay (SSR) for alarm linkage and high-security lock control

• 1/2 Grounding: 1 x GND port  
• 1/2 TF card slot: 1 x slot (up to 256 GB)

### Buttons

• 1/2 1 x Call Button, 1 x Tamper Switch, 1 x Reset Button

### Audio

• 1/2 Microphone: dual-microphone array, pickup distance up to 6 m (19.68 ft)  
• 1/2 Speaker: 10 W high-power; 90 dB (Intercom mode), 100 dB (Broadcast mode)

### Power

• 1/2 Power supply: 12~48 V DC / 2 A, 24 W  
• 1/2 PoE standard: IEEE 802.3at Class 4

### Other Physical Features

• 1/2 Casing: durable metal  
• 1/2 Installation methods: wall mount, pole mount, flush mount  
• 1/2 Operating temperature: -40°C to 70°C (-40°F to 158°F)  
• 1/2 Storage temperature: -40°C to 70°C (-40°F to 158°F)  
• 1/2 Operating humidity: 10%~90%, non-condensing  
• 1/2 Protection rating: IP66, IK10 (metal surface and buttons)  
• 1/2 Compliance: FCC, CE, RCM, IC  
• 1/2 Weight: 0.732 kg (1.61 lb)  
• 1/2 Dimensions (W x D x H): 12 x 4 x 20 cm

### Package Contents

• 1/2 1 x Grandstream GSC3560 Smart Outdoor Intercom  
• 1/2 1 x Ground Wire  
• 1/2 1 x Quick Installation Guide  
• 1/2 1 x Certification Regulatory Information  
• 1/2 5 x Expansion Bolts  
• 1/2 5 x Pan Head Tapping Screws (ST3.5 x 33 mm)  
• 1/2 5 x Flat Head Machine Screws (M4 x 14 mm)  
• 1/2 1 x Pan Head Machine Screw (M3 x 6 mm, for ground wire)  
• 1/2 1 x Screwdriver  
• 1/2 1 x Waterproof Silicone Plug  
• 1/2 1 x Wall Mounting Position Sticker

**Please Enquire**

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