

Grandstream GDS3712 Hemispheric IP Video Intercom System



Product Name: Grandstream GDS3712 Hemispheric IP Video Intercom System

Manufacturer: Grandstream Model Number: GDS3712

Grandstream GDS3712 Hemispheric IP Video Intercom System

The Grandstream GDS3712 is a hemispheric IP Video Intercom System that also serves as a high-definition IP surveillance camera to offer facility access control and security monitoring for buildings of all sizes. Powered by an advanced Image Sensor Processor (ISP) and state of the art image algorithms, it delivers exceptional performance without blind spots. The GDS3712 IP video intercom system features industry-leading SIP/VoIP for 2-way audio and video streaming to smart phones and SIP phones and the GDS management softwareGrandstream GDS3712 Key Features:

� Powerful video resolutions up to 1080p

าั¿½ 2 Relay for Electric Lock and Alarm out, 2 Alarm In for Exit button and door sensor

آذِيً SIP video streaming to NVRs, video intercom stations, IP phones, or smart phones simultaneously

آذًا Built with a metal casing to make it weatherproof and vandal resistant

ī సై Built-in hemispheric camera allows for 180-degree wall-to wall coverage

ï¿1/2 Supports motion detection

าั¿½ Integrated PoE to power the device and provide a network connection

ī సైస్త Built-in microphone and speaker offers voice options and intercom functionality

This system is equipped with integrated PoE for seamless installation, motion detection for security protection, lighting control switch and more. The GDS3712 can also be managed with GSURF Pro or any ONVIF-compliant video management system. It also offers a flexible HTTP API for easy integration with 3rd party applications and other surveillance systems. The combination of the GDS3712, Grandstream's IP phones, video phones, and Wave mobile app prov ides a complete end-to-end solution for access control, video intercom, and security recording needs.

Grandstream GDS3712 Technical Specifications: Video Compression

آذًا H.264 High Profile / Main Profile / Baseline Profile, Motion JPEG

Image Sensor Resolution

ï¿1/2 1/2.7", 2 Megapixel, 1920H x 1080V

Lens Type

� 1/2", F2.5, FOV:180°(W) x 150°(H)

Max Video Resolution

� 1920x1080

Max Frame Rate

ï¿.½ 30 frames per second

Wide Dynamic Range



Grandstream GDS3712 Hemispheric IP Video Intercom System

� Yes, up to 120dBVideo Bit Rates � 128 Kbps to 4 Mbps, multi-rate for preview & mp; recordingPoE � IEEE 802.3af Class3

Embedded Analytics

تزار Motion detection (up to 4 privacy masks)

Snapshots

า๊¿1/2 Triggered upon Events, Send via email and/or FTP

Multi-Stream Resolution

i2½ High-performance streaming server allowing multiple simultaneous accessPrimary video stream: 1920 x 1080 resolution for continuous full HD recordingSecondary video stream: 1280 x 720 resolution for SIP/VoIP video callsThird video stream: 320 x 240 resolution for smartphone applications

Network Protocol

Ti2½ TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS local upload and mass provisioning using TR-069, ARP/RARP,ICMP, LLDP-MED, DNS, DHCP, SSH, SMTP, TFTP, NTP, STUN, TLS, SRTP

SIP/VoIP Support

T¿½ Broad interoperability with most 3rd party SIP/VoIP devices and leading SIP/NGN/IMS platforms

Voice Codecs

าั¿½ G.711µ/a-law, G.722, in-band and out-of-band DTMF (in audio, RFC2833, SIP INFO), AEC

QoS

آزا Layer 2 QoS (802.1Q, 802.1P) and Layer 3 QoS (ToS, Diff Serv, MPLS)

Security

าั¿½ User and administrator level RTSP access, MD5 and MD5-sess based authentication, 256-bit AESencrypted configuration file, TLS, SRTP, HTTPS, 802.1QUpgrade/ Provisioning า๊¿½ Firmware upgrade via TFTP/HTTP/HTTPS, mass provisioning using TR-069 or AES encrypted XMLconfiguration file

Audio Input

آزا Built-in microphone, up to 1.5m with AEC

Audio Output

ï¿1/2 Built-in HD loudspeaker (2 watts), good up to 3 m

Button



Grandstream GDS3712 Hemispheric IP Video Intercom System

� 1 call button with Blue LED backlight

Alarm Input

تزير 2 Optocoupler Input, Vin < 15V, for door sensor or other low voltage device

Alarm Output

าั¿½ 2 Relay, 125VAC/0.5A or 30VDC/2A, Normal Open or Normal Close, for electric lock, light switch orother device

Network Interface

ï¿1/2 10M/100M auto-sensing

Ingress Protection

ī సై Weatherproof, vandal resistant, with support for extra back reinforcing metal plate

Mounting

ϊ¿½ On-Wall, or In-Wall (Mount Kit required, sold separately)Dimensions (H x W x D)and Weight ϊ¿½ On-Wall: 173mm(H) x 80mm(W) x 36mm(D);In-Wall: 217mm(H) x 120mm(W) x 11.6mm(D)Weight: 0.625 kg

Power Supply

 \ddot{i}_{2} PoE IEEE 802.3af Class 3or 12VDC/1A connection (AC power adapter not included)Temperature and

Humidity

 $\label{eq:condition} $$\ddot{\iota}''$ Operation: -30\°C to 60\°C (-22\°F to 140\°F)Storage: -35\°C to 60\°C (-31\°F to 140\°F)Humidity: 10% to 90% Non-condensing$

Protection Class

ï¿1/2 IP66 (EN60529); IK10 (IEC62262)

Compliance

� CE,FCC,IC,RCM,UKCA

Price: \$220.36