Grandstream GDS3710 IP Video Door Entry System



Product Name: Grandstream GDS3710 IP Video Door Entry System
Manufacturer: Grandstream
Model Number: GDS3710

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The Grandstream GDS3710 is an IP Video Door System that also serves as a high-definition IP surveillance camera and IP intercom to offer facility access control and security monitoring for buildings of all sizes. This powerful IP Video Door System offers a 180-degree video viewing angle for wall-to-wall coverage, has a built-in RFID chip reader for secure keyless entry, includes a built-in microphone and speaker to support intercom functionality and offers alarm-in and alarm-out support for integration with existing security devices.
Grandstream GDS3710 Key Features

ï¿½ Powerful video resolutions up to 1080p
ï¿½ Built-in RFID chip reader for keyless entry
ï¿½ SIP video streaming to video intercom stations, IP phones, or smart phones simultaneously
ï¿½ Built with a metal casing to make it weatherproof and vandal resistant
ï¿½ Built-in hemispheric camera allows for 180-degree wallto-wall coverage
ï¿½ Supports motion detection
ï¿½ Integrated PoE to power the device and provide a network connection
ï¿½ Built-in microphone and speaker offers voice options and intercom functionality

The GDS3710 integrates with Grandstream’s free management utility software, GDS Manager, allowing RFID card information, video feeds as well as the device itself to be fully managed by this software. Powered by an advanced Image Sensor Processor (ISP) and state-of-the art image algorithms, the GDS3710 delivers 1080p FHD video resolutions and offers exceptional performance with HTTP API for 3rd party redevelopment. It features SIP/VoIP technology with 2-way audio and video streaming feeds loaded directly to smart phones, SIP endpoints and the GDS management software.
The GDS3710 is equipped with integrated PoE for seamless installation, bright LEDs for illumination, motion detector for security protection, lighting control switch and more. The combination of the GDS3710, Grandstream’s GXP21xx IP phones, GXV video phones, and GS-Wave mobile app provide a complete end-to-end solution for access control, video intercom, and security recording needs.

Grandstream GDS3710 - Technical Specifications
Video Compression

ï¿½ H.264 High Profile / Main Profile / Base Profile, Motion JPEG

Image Sensor Resolution

ï¿½ 1/2.7”, 2 Megapixel, 1920H x 1080V

Lens Type

ï¿½ 1/2”, F2.5, FOV: 180°(W) x 150°(H)

Day & Night

ï¿½ White LEDs with smart brightness control

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Max Video Resolution

ï¿½ 1920x1080

Max Frame Rate

ï¿½ 30 frames per second

Minimum Illumination

ï¿½ 0.5Lux

Wide Dynamic Range

ï¿½ Yes, up to 120db

Video Bit Rates

ï¿½ 128 Kbps to 4 Mbps, multi-rate for preview & recording

Embedded Analytics

ï¿½ Motion detection (up to 4 privacy masks)

Snapshots

ï¿½ Triggered upon events, sent via email and/or FTP

Multi-Stream Resolution

ï¿½ High-performance streaming server allowing multiple simultaneous access - Primary video stream: 1920 x 1080 resolution for continuous full HD recording - Secondary video stream: 1280 x 720 resolution for SIP/VoIP video calls - Third video stream: 320 x 240 resolution for smartphone applications

Network Protocol

ï¿½ TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS local upload and mass provisioning using TR-069 (pending), ARP/ RARP, ICMP, LLDP-MED, DNS, DHCP, SSH, SMTP, TFTP, NTP, STUN, TLS, SRTP

SIP/VoIP Support

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

Voice Codecs

ï¿½ G.711µ/a-law, G.722, DTMF (RFC2833, SIP INFO), AEC

QoS

ï¿½ Layer 2 QoS (802.1Q, 802.1P) and Layer 3 QoS (ToS, DiffServ, MPLS)

Security

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ï¿½ User and administrator level access control (pending), MD5 and MD5-sess based authentication, 256-bit AES encrypted configuration file, TLS, SRTP, HTTPS, 802.1Q

Upgrade/ Provisioning

ï¿½ Firmware upgrade via TFTP/HTTP/HTTPS, mass provisioning using TR-069 (Pending) or AES encrypted XML configuration file

Audio Input

ï¿½ Built-in microphone, up to 1.5m with AEC

Audio Output

ï¿½ Built-in HD loudspeaker (2 watts), sound quality suitable for up to 3 m

Button

ï¿½ 12-key touchpad plus a capacitive doorbell button, each with individual LED illumination

RFID

ï¿½ 125KHz: EM4100 (1 RFID card and 1 RFID key fob included)

RFID Number Supported

ï¿½ Up to 2,000 recommended

Alarm Input

ï¿½ Yes, 2 channels, Vin < 15V, for door sensor or other devices

Alarm Output

ï¿½ Yes, 2 channels, 125VAC/0.5A, 30VDC/2A, Normal Open or Normal Close, for electric lock, light switch or other devices

Network Interface

ï¿½ 10M/100M auto-sensing

Expansion Interface

ï¿½ RS485, Wiegand (26 bits) input and output

Dimensions (H x W x D)

ï¿½ 173mm(H) x 80mm(W) x 36mm(D)

Weight

ï¿½ 0.6Kg

Power Supply

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ï¿½ PoE IEEE 802.3af Class 3, or 12VDC/1A connection (AC power adapter not included)

Interoperability

ï¿½ ONVIF (Profile S)

Ingress Protection

ï¿½ Weather proof, vandal resistant, with support for extra back reinforcing metal plate

Temperature and Humidity

ï¿½ Operation: -30°C to 60°C (-22°F to 140°F)
ï¿½ Storage: -35°C to 60°C (-31°F to 140°F)
ï¿½ Humidity: 10% to 90% Non-condensing

Protection Class

ï¿½ IP66 (EN60529), IK09 (IEC62262)

Compliance

ï¿½ FCC: Part 15 subpart B Class B; Part 15 C; MPE
ï¿½ CE: EN 55032 Class B; EN 61000-3-2; EN 61000-3-3; EN 50130; EN 60950-1; EN 300330; EN 301489; EN 62311
ï¿½ RCM: AS/NZS CISPR 22; AS/NZS 4268; AS/NZS 60950.1
ï¿½ IC: ICES-003; RSS310

Price: £219.80

Options available for Grandstream GDS3710 IP Video Door Entry System :

Require In-Wall Mounting Kit
Required (+£33.70), Not Required.

Require RFID Card Reader
Required (+£22.50), Not Required.

Require RFID Fobs?
Not Required, 10 x RFID Fobs (+£15.80).

Require RFID Cards?
Not Required, 10 x RFID Cards (+£15.80).

Require Grandstream WiFi Access Point?
Not Required, Grandstream Enterprise 802.11ac WiFi Access Point (GWN7610) (+£76.00).

Require Grandstream WiFi Phone
Not Required, Grandstream WP820 Enterprise Portable WiFi Phone (+£162.00).