





## HD IP Video Door System GDS3710

The 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. 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.



Powerful video resolutions up to 1080p



Built-in RFID chip reader for keyless entry



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



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



Built-in hemispheric camera allows for 180-degree wallto-wall coverage



Supports motion detection



Integrated PoE to power the device and provide a network connection





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



Image Sensor Resolution Lens Type Day & Night Max Video Resolution Max Frame Rate Minimum Illumination Wide Dynamic Range Video Bit Rates Embedded Analytics Snapshots Triggered upon events, sent vac email and/or FTP High-performance streaming server allowing multiple simultaneous access Firminary video stream: 1200 x 720 resolution for sonthinous publications of the Video Bit Rates Wideo Bit Rates Embedded Analytics Snapshots Triggered upon events, sent via email and/or FTP High-performance streaming server allowing multiple simultaneous access Primary video stream: 1200 x 720 resolution for snapshots Triggered upon events, sent via email and/or FTP High-performance streaming server allowing multiple simultaneous access Primary video stream: 1200 x 720 resolution for snapshota publications TCP/PVDIPD. PREPARCE, HITPHTTEP local upload and mass provisioning using TR-069 (pending), ARPV RAPP, ICMPL. LIDNED, DINS. DICE, SSH, SMIT, ETT., PR. STUR, T.S. SRIP Secondary video Sales Qos Layer 2 Qos (802.1Q, 802.1P) and Layer 3 Qos (ToS, DiffServ, MPLS)  Security Upgrade/ Provisioning Audio Input. Audio Output Button Laxe encyped configuration file, TLS, SRIP, HIPS, 802.1 (Q) Firmware upgrade via TFEP/HTTP/HTTPS, mass provisioning using TR-069 (Pending) or AES encrypted Mick Configuration file, TLS, SRIP, HIPS, 802.1 (Q) Firmware upgrade via TFEP/HTTP/HTTPS, mass provisioning using TR-069 (Pending) or AES encrypted Mick Configuration file, TLS, SRIP, HIPS, 802.1 (Q) Firmware upgrade via TFEP/HTTP/HTTPS, mass provisioning using TR-069 (Pending) or AES encrypted Mick Configuration file, TLS, SRIP, HIPS, 802.1 (Q) Firmware upgrade via TFEP/HTTP/HTTPS, mass provisioning using TR-069 (Pending) or AES encrypted Mick Configuration file, TLS, SRIP, HIPS, 802.1 (Q) Firmware upgrade via TFEP/HTTP/HTTP/TTPT, mass provisioning using TR-069 (Pending) or AES encrypted Mick Configuration file, TLS, SRIP, HIPS, 802.1 (Q) Firmware upgrade via TFEP/HTTP/HTTP/TTPT, mass provisioning using TR-069 (Pending) or AES encrypted Mick Configuratio		
Lens Type 1/2", F2.5, FOV. 180"(W) x 150"(H)  Day & Night  White LEDs with smart brightness control  Max Video Resolution 1920x1090  Max Frame Rate 30 frames per second  Minimum Illumination 0.5Lux  Wide Dynamic Range Yes, up to 120db  Video Bit Rates 128 Klps to 4 Mlps, multi-rate for preview & recording  Embedded Analytics Motion detection (up to 4 privacy masks)  Snapshots 7 figgered upon events, sent via email and/or FIP  High-performance streaming server allowing multiple simultaneous access Primary video stream: 120 x 108 resolution for SiP/VolP video calls Tried video stream: 120 x 108 resolution for FisiP/VolP video calls Tried video stream: 120 x 108 resolution for SiP/VolP video calls Tried video stream: 120 x 108 resolution for SiP/VolP video calls Tried video stream: 120 x 108 resolution for SiP/VolP video calls Tried video stream: 120 x 108 resolution for smarphone applications  TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS local upload and mass provisioning using TR-069 (pending), ARP/ RRP, ICMP, LLDP-MED, DNS, DHCP, SSH, SMTP, TFP, INTP, TNIN, TLS, SRTP  SIP/VolP Support Broad interoperability with most 3rd party SIP/VolP devices and leading SIP/NGN/IMS platforms  Voice Codess G-711 (Jr-law, G-722, DTMF (RFC2833, SIP INFO), AEC  Qos Super 2 Qos (802.10, 802.19) and Layer 3 Qos (Tos, Diffserv, MPLS)  Security  User and administrator level access control (pending), MDS and MDS-sess based authentication, 256-bit AES encrypted configuration file, TLS, SRTP, HTTPS, 802.10  Upgrade/ Provisioning  Audio Input Bulli-in microphone, up to 1.5m with AEC  Audio Output Bulli-in microphone, up to 1.5m with AEC  Audio Output Bulli-in microphone, up to 1.5m with AEC  Audio Output Bulli-in microphone, up to 1.5m with AEC  Audio Output Bulli-in microphone, up to 1.5m with AEC  Audio Output Bulli-in microphone, up to 1.5m with AEC  Audio Output Bulli-in microphone, up to 1.5m with AEC  Audio Output Bulli-in microphone, up to 1.5m with AEC  Audio Output Bulli-in microphone, up to 1.5m with AEC  Audio Output Bulli-in microphone,	•••••• <del>•</del> •••••• <del>•</del>	•••••••••••••••••••••••••••••••••••••••
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Video Bit Rates  Embedded Analytics  Motion detection (up to 4 privacy masks)  Snapshots  Triggered upon events, sent via email and/or FTP  High-performance streaming server allowing multiple simultaneous access Primary video stream: 1920 x 1080 resolution for continuous full 10 recording Secondary video stream: 320 x 20 resolution for smartphone applications  Network Protocol  REPP/PUPP, RPMRTCP, HITPHTTPS local upload and mass provisioning using TR-069 (pending), ARP/ RRAP, ICMP, ILLIP-MED, DNS, DHCP, SSH, SMTP, TETP, NTP, STUN, TLS, SRTP  SIP/VolP Support  Broad interoperability with most 3rd party SIP/VolP devices and leading SIP/NGN/IMS platforms  Voice Codecs  G711µ/a-law, G722, DTMF (RFC2833, SIP INFO), AEC  Qos  Layer 2 Qos (802.10, 802.1P) and Layer 3 Qos Fros, DiffServ, MPLS)  Security  Upgrade/ Provisioning  Audio Input  Built-in microphone, up to 1.5m with AEC  Audio Output  Built-in microphone, up to 1.5m with AEC  Audio Uniput  Built-in microphone, up to 1.5m with AEC  Audio Uniput  Built-in microphone, up to 1.5m with AEC  Built-in microphone, up to 1.5m with AEC  Built-in microphone, up to 1.5m with AEC  Alarm Input  Yes, 2 Optocoupler, Vin < 15V, for door sensor or other low voltage devices  Alarm Output  Yes, 2 Optocoupler, Vin < 15V, for door sensor or other low voltage devices  Network interface  Dimensions (H x W x D)  and Weight  Ordinary (1786)  Network interface  Dimensions (H x W x D)  and Weight  Temperature and  Alarm (1786)  Poer Stupply  PoE IEEE 802.3af Class 3, or 12VDC/1A connection (AC power adapter not included)  Network interface  Dimensions (H x W x D)  Alarm (1786)  Poer Stupply  PoE IEEE 802.3af Class 8; PoR 11 S C, MPE  CE: NS 5032 Class 8; PoR 11 S C, MPE  CE: NS 5032 Class 8; PoR 11 S C, MPE  CE: NS 5032 Class 8; PoR 11 S C, MPE  CE: NS 5032 Class 8; PoR 11 S C, MPE  CE: NS 5032 Class 8; PoR 11 S C, MPE  CE: NS 5032 Class 8; PoR 11 S C, MPE  CE: NS 5032 Class 8; PoR 11 S C, MPE  CE: NS 5032 Class 8; PoR 11 S C, MPE  CE: NS 5032 Class 8; PoR 11 S C, MPE  CE: NS 5032 Class		
Embedded Analytics Snapshots Triggered upon events, sent via email and/or FTP 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 SiPV/OIP video calls Scondary video stream: 1280 x 720 resolution for SiPV/OIP video calls Scondary video stream: 320 x 240 resolution for SiPV/OIP video calls Scondary video stream: 1280 x 720 resolution for SiPV/OIP video calls Scondary video stream: 320 x 240 resolution for SiPV/OIP video calls Scondary video stream: 320 x 240 resolution for SiPV/OIP video calls Scondary video stream: 320 x 240 resolution for SiPV/OIP video calls Scondary video stream: 320 x 240 resolution for SiPV/OIP video calls Scondary video stream: 320 x 240 resolution for SiPV/OIP video calls video stream: 320 x 240 resolution for SiPV/OIP video calls video stream: 320 x 240 resolution for SiPV/OIP video calls video		
Snapshots Multi-Stream Resolution Multi-Stream Resolution Multi-Stream Resolution Multi-Stream Resolution Multi-Stream Resolution Network Protocol SiP/Morp Support Voice Codecs Qos Layer 2 Qos (802.10, 802.1P) and Layer 3 Qos (108 or seasous 2 Vater Soulution for SiP/Morp Valve and Morpor Support Voice Codecs Qos Layer 2 Qos (802.10, 802.1P) and Layer 3 Qos (105, Diffserv, MPLS)  Security Upgrade/ Provisioning Audio Input Button REID Number Supported Alarm Input REID Number Supported Alarm Output Network Interface Expansion Interface Expansion Interface Expansion Interface Dimensions (H x W x D) Interoperability Ingress Protection Class  Post (229 Ft of 140%) Post (239 Ft of 140%) Power Supply Interoperability Ingress Protection Class Protection Class Protection Class Primary Video Stream: 12 Supri 15 C; MPE Ccompliance Compliance Compliance Compliance REID 1801485 (Ft of 140%) REID Support Compliance Compliance Compliance Compliance Compliance Compliance REID 1801485 (Ft of 140%) REID 1801485 (Ft of 140%) REID 1801486 (Ft of 140%) REID Reid Reid Reid Reid Reid Reid Reid Reid	•••••	•
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Multi-Stream Resolution Firmary video stream: 1920 x 1080 resolution for continuous full HD recording Secondary video stream: 1280 x 720 resolution for smartphone applications  Network Protocol Reap; (CMP; LIDP-MED, DNS, DHCP, SSH, SMPT, FETP, NTP, STUN, TLS, SRTP)  SIP/VoIP Support Broad interoperability with most 3rd party SIP/VoIP devices and leading SIP/NGN/IMS platforms  Voice Codecs G.711µ/a-law, G.722, DTIMF (RFC2833, SIP INFO), AEC QoS Layer 2 QoS (802.1Q, 802.1P) and Layer 3 QoS (ToS, DiffServ, MPLS)  Security User and administrator level access control (pending), MD5 and MD5-sess based authentication, 256-bit AES encrypted configuration file, TLS, SRTP, HTTPS, 802.1Q  Firmware upgrade via a TFTP/HTTP/HTTPS, mass provisioning using TR-069 (Pending) or AES encrypted XML configuration file Audio Input Built-in HD loudspeaker (2 watts), sound quality suitable for up to 3 m  Button 12-key touchpad plus a capacitive doorbell button, each with individual LED illumination  RFID 125KHz: EM4100 (1 RFID card and 1 RFID key fob included)  RFID Number Supported Alarm Input Yes, 2 Potocoupler, Vin < 15V, for door sensor or other low voltage devices  Alarm Output Yes, 2 Relay, 125VAC/0.5A, 30VDC/2A, Normal Open or Normal Close, for electric lock, light switch or other relative high voltage devices  Network Interface Dimensions (H x Wx D) 173mm(H) x 80mm(W) x 36mm(D)  Interoperability ONUF (Profile S) Ingress Protection Weather proof, vandal resistant, with support for extra back reinforcing metal plate  Temperature and Humidity Protection Class Protection Class Protection Class Protection Class Find (CC: Part 1 S subpart B Class B), Part 15 C; MPE CE: EN 55032 Class B; EN 61000-3-2; EN 61000-3-3; EN 5010; EN 300330; EN 300330; EN 5012 Find 1000-3-2; EN 61000-3-3; EN 50100; EN 300330;	Snapshots	• • • • • • • • • • • • • • • • • • • •
SIP/VoIP Support  Broad interoperability with most 3rd party SIP/VoIP devices and leading SIP/NGN/IMS platforms  Voice Codes  QoS	Multi-Stream Resolution	<b>Primary video stream:</b> 1920 x 1080 resolution for continuous full HD recording <b>Secondary video stream:</b> 1280 x 720 resolution for SIP/VoIP video calls
Voice Codecs G.711µ/a-law, G.722, DTMF (RFC2833, SIP INFO), AEC QoS Layer 2 QoS (802.1Q, 802.1P) and Layer 3 QoS (ToS, DiffServ, MPLS)  Security bit AES encrypted configuration file, TLS, SRTP, HTTPS, 802.1Q  Upgrade/ Provisioning Audio Input Built-in microphone, up to 1.5m with AEC Audio Output Built-in HD loudspeaker (2 watts), sound quality suitable for up to 3 m  Button 12-key touchpad plus a capacitive doorbell button, each with individual LED illumination  RFID 125KHz: EM4100 (1 RFID card and 1 RFID key fob included)  RFID Number Supported Up to 2,000 recommended Alarm Input Yes, 2 Optocoupler, Vin < 15V, for door sensor or other low voltage devices  Network Interface Network Interface 10M/100M auto-sensing Expansion Interface Dimensions (H x W x D) and Weight Alw Dy 173mm(H) x 80mm(W) x 36mm(D) and Weight Operation: 174 Operation: 30°C to 60°C (-22°F to 140°F) Humidity 175 To 20°C to 60°C (-22°F to 140°F) Humidity: 10% to 90% Non-condensing Protection Class PEC Part 15 subpart B Class B; Part 15 C; MPE CE: EN 55032 Class B; EN 61000-3-2; EN 61000-3-3; EN 50130; EN 60950-1; EN 301489; EN 62311 RCM: AS/NZS CISPR 22; AS/NZS 4268; AS/NZS 60950.1	Network Protocol	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
QoS Layer 2 QoS (802.1Q, 802.1P) and Layer 3 QoS (ToS, DiffServ, MPLS)  Security User and administrator level access control (pending), MDS and MDS-sess based authentication, 256-bit AES encrypted configuration file, TLS, SRTP, HTTPS, 802.1Q  Firmware upgrade via TFTP/HTTP/HTTPS, mass provisioning using TR-069 (Pending) or AES encrypted XML configuration file  Audio Input Built-in microphone, up to 1.5m with AEC  Audio Output Built-in HD loudspeaker (2 watts), sound quality suitable for up to 3 m  Button 12-key touchpad plus a capacitive doorbell button, each with individual LED illumination  RFID 125KHz: EM4100 (1 RFID card and 1 RFID key fob included)  RFID Number Supported Alarm Input Yes, 2 Optocoupler, Vin < 15V, for door sensor or other low voltage devices  Alarm Output Yes, 2 Potocoupler, Vin < 15V, for door sensor or other low voltage devices  Network Interface 10M/100M auto-sensing Expansion Interface Dimensions (H x W x D) and Weight Dimensions (H x W x D) and Weight Power Supply PoE IEEE 802.3af Class 3, or 12VDC/1A connection (AC power adapter not included) Interoperability ONVIF (Profile S) Ingress Protection Weather proof, vandal resistant, with support for extra back reinforcing metal plate  Operation: -30°C to 60°C (-32°F to 140°F) Storage: -35°C to 60°C (-31°F to 140°F) Humidity: 10% to 90% Non-condensing Protection Class P6C: Part 15 subpart B Class B; Part 15 C; MPE CE: EN 55032 Class B; EN 61000-3-2; EN 61000-3-3; EN 50130; EN 60950-1; EN 300330; EN 301489; EN 62311 RCM: AS/NZS CISPR 22; AS/NZS 4268; AS/NZS 60950.1	SIP/VoIP Support	Broad interoperability with most 3rd party SIP/VoIP devices and leading SIP/NGN/IMS platforms
Security 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 Immare upgrade via TFTP/HTTP/HTTPS, mass provisioning using TR-069 (Pending) or AES encrypted XML configuration file  Audio Input Built-in HID loudspeaker (2 watts), sound quality suitable for up to 3 m  Button 12-key touchpad plus a capacitive doorbell button, each with individual LED illumination  RFID 125KHz: EM4100 (1 RFID card and 1 RFID key fob included)  RFID Number Supported Up to 2,000 recommended  Alarm Input Yes, 2 Optocoupler, Vin < 15V, for door sensor or other low voltage devices  Alarm Output Yes, 2 Relay, 125VAC/0.5A, 30VDC/2A, Normal Open or Normal Close, for electric lock, light switch or other relative high voltage devices  Network Interface 10M/100M auto-sensing  Expansion Interface RS485, Wiegand (26 bits) input and output  Dimensions (H x W x D) 173mm(H) x 80mm(W) x 36mm(D) and Weight 0.6Kg  Power Supply PoE IEEE 802.3af Class 3, or 12VDC/1A connection (AC power adapter not included)  Interoperability ONVIF (Profile 5)  Ingress Protection Weather proof, vandal resistant, with support for extra back reinforcing metal plate  Operation: -30°C to 60°C (-42°F to 140°F)  Humidity: 10% to 90% Non-condensing  Protection Class IP66 (EN60529), IK09 (IEC62262)  FCC: Part 15 subpart B Class B; Part 15 C; MPE  CE: EN 55032 Class B; EN 61000-3-2; EN 61000-3-3; EN 50130; EN 60950-1; EN 300330; EN 60950-1; EN 301489; EN 62311 RCM: A5/NZS CISPR 22; A5/NZS 4268; AS/NZS 60950.1	Voice Codecs	G.711µ/a-law, G.722, DTMF (RFC2833, SIP INFO), AEC
Upgrade/ Provisioning Firmware upgrade via TFTP/HTTP/HTTPS, mass provisioning using TR-069 (Pending) or AES encrypted XML configuration file Audio Input Built-in microphone, up to 1.5m with AEC Audio Output Built-in HD loudspeaker (2 watts), sound quality suitable for up to 3 m Button 12-key touchpad plus a capacitive doorbell button, each with individual LED illumination RFID 125KHz: EM4100 (1 RFID card and 1 RFID key fob included) RFID Number Supported Up to 2,000 recommended Alarm Input Yes, 2 Optocoupler, Vin < 15V, for door sensor or other low voltage devices  Alarm Output Alarm Output Sey, 2 Relay, 125VAC/0.5A, 30VDC/2A, Normal Open or Normal Close, for electric lock, light switch or other relative high voltage devices  Network Interface Expansion Interface R5485, Wiegand (26 bits) input and output  Dimensions (H x W x D) and Weight 0.6Kg Power Supply Poel IEEE 802.3af Class 3, or 12VDC/1A connection (AC power adapter not included) Interoperability ONVIF (Profile S) Ingress Protection Veather proof, vandal resistant, with support for extra back reinforcing metal plate  Temperature and Humidity Protection Class P66 (EN60529), IKO9 (IEC62262) FCC: Part 15 subpart B Class B; Part 15 C; MPE CE: EN 55032 Class B; EN 61000-3-2; EN 61000-3-3; EN 50130; EN 60950-1; EN 300330; EN 60950-1; EN 301489; EN 62311 RCM: A5/NZS CISPR 22; AS/NZS 4268; AS/NZS 60950.1	QoS	•
Audio Input Built-in microphone, up to 1.5m with AEC  Audio Output Built-in HD loudspeaker (2 watts), sound quality suitable for up to 3 m  Button 12-key touchpad plus a capacitive doorbell button, each with individual LED illumination  RFID 125KHz: EM4100 (1 RFID card and 1 RFID key fob included)  RFID Number Supported Up to 2,000 recommended  Alarm Input Yes, 2 Optocoupler, Vin < 15V, for door sensor or other low voltage devices  Alarm Output Yes, 2 Relay, 125VAC/0.5A, 30VDC/2A, Normal Open or Normal Close, for electric lock, light switch or other relative high voltage devices  Network Interface 10M/100M auto-sensing  Expansion Interface RS485, Wiegand (26 bits) input and output  Dimensions (H x W x D) 173mm(H) x 80mm(W) x 36mm(D) and Weight 0.6kg  Power Supply PoE IEEE 802.3af Class 3, or 12VDC/1A connection (AC power adapter not included)  Interoperability 0NVIF (Profile S)  Ingress Protection Weather proof, vandal resistant, with support for extra back reinforcing metal plate  Temperature and Humidity 10% to 90% Non-condensing  Protection Class 1P66 (EN60529), IKO9 (IEC62262)  FCC: Part 15 subpart B Class B; Part 15 C; MPE  CE: EN 55032 Class B; EN 61000-3-2; EN 61000-3-3; EN 50130; EN 60950-1; EN 300330; EN 501489; EN 62311  RCM: AS/NZS CISPR 22; AS/NZS 4268; AS/NZS 60950.1	Security	
Audio Output Built-in HD loudspeaker (2 watts), sound quality suitable for up to 3 m  Button 12-key touchpad plus a capacitive doorbell button, each with individual LED illumination  RFID 125KHz: EM4100 (1 RFID card and 1 RFID key fob included)  RFID Number Supported Up to 2,000 recommended  Alarm Input Yes, 2 Optocoupler, Vin < 15V, for door sensor or other low voltage devices  Yes, 2 Relay, 125VAC/0.5A, 30VDC/2A, Normal Open or Normal Close, for electric lock, light switch or other relative high voltage devices  Network Interface Expansion Interface Dimensions (H x W x D) and Weight O.6Kg Power Supply PoE IEEE 802.3af Class 3, or 12VDC/1A connection (AC power adapter not included) Interoperability Ingress Protection Weather proof, vandal resistant, with support for extra back reinforcing metal plate  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 Protection Class PfC: Part 15 subpart B Class B; Part 15 C; MPE CE: EN 55032 Class B; EN 61000-3-2; EN 61000-3-3; EN 50130; EN 60950-1; EN 300330; EN 301489; EN 62311 RCM: AS/NZS CISPR 22; AS/NZS 4268; AS/NZS 60950.1	Upgrade/ Provisioning	Firmware upgrade via TFTP/HTTP/HTTPS, mass provisioning using TR-069 (Pending) or AES encrypted XML configuration file
RFID Number Supported Up to 2,000 recommended  Alarm Input Yes, 2 Optocoupler, Vin < 15V, for door sensor or other low voltage devices  Alarm Output Yes, 2 Relay, 125VAC/0.5A, 30VDC/2A, Normal Open or Normal Close, for electric lock, light switch or other relative high voltage devices  Network Interface 10M/100M auto-sensing  Expansion Interface R5485, Wiegand (26 bits) input and output  Dimensions (H x W x D) 173mm(H) x 80mm(W) x 36mm(D) 0.6kg  Power Supply PoE IEEE 802.3af Class 3, or 12VDC/1A connection (AC power adapter not included)  Interoperability ONVIF (Profile S)  Ingress Protection Weather proof, vandal resistant, with support for extra back reinforcing metal plate  Temperature and Humidity  Protection Class Protection Class Protection (BC power adapter not included)  Protection Class Protection Protection (AC power support for extra back reinforcing metal plate)  Protection Class Protection Protection (BC power support for extra back reinforcing metal plate)  Protection Class Protection Protection (BC power support for extra back reinforcing metal plate)  Protection Class Protection Protection (BC power support for extra back reinforcing metal plate)  Protection Class Protection (BC power support for extra back reinforcing metal plate)  FCC: Part 15 subpart B Class B; Part 15 C; MPE  CE: EN 55032 Class B; EN 61000-3-2; EN 61000-3-3; EN 50130; EN 60950-1; EN 300330; EN 801489; EN 62311  RCM: ASYNZS CISPR 22; AS/NZS 4268; AS/NZS 60950.1	Audio Input	Built-in microphone, up to 1.5m with AEC
RFID Number Supported Up to 2,000 recommended  Alarm Input Yes, 2 Optocoupler, Vin < 15V, for door sensor or other low voltage devices  Alarm Output Yes, 2 Relay, 125VAC/0.5A, 30VDC/2A, Normal Open or Normal Close, for electric lock, light switch or other relative high voltage devices  Network Interface 10M/100M auto-sensing  Expansion Interface RS485, Wiegand (26 bits) input and output  Dimensions (H x W x D) 173mm(H) x 80mm(W) x 36mm(D) 0.6Kg  Power Supply PoE IEEE 802.3af Class 3, or 12VDC/1A connection (AC power adapter not included)  Interoperability ONVIF (Profile S)  Ingress Protection Weather proof, vandal resistant, with support for extra back reinforcing metal plate  Operation: -30°C to 60°C (-22°F to 140°F) 5torage: -35°C to 60°C (-31°F to 140°F) Humidity: 10% to 90% Non-condensing  Protection Class IP66 (EN60529), IK09 (IEC62262)  FCC: Part 15 subpart B Class B; Part 15 C; MPE CE: EN 55032 Class B; EN 61000-3-2; EN 61000-3-3; EN 50130; EN 60950-1; EN 300330; EN 301489; EN 62311 RCM: AS/NZS CISPR 22; AS/NZS 4268; AS/NZS 60950.1	Audio Output	Built-in HD loudspeaker (2 watts), sound quality suitable for up to 3 m
Alarm Input  Alarm Input  Alarm Output  Alar	Button	12-key touchpad plus a capacitive doorbell button, each with individual LED illumination
Alarm Input  Yes, 2 Optocoupler, Vin < 15V, for door sensor or other low voltage devices  Yes, 2 Relay, 125VAC/0.5A, 30VDC/2A, Normal Open or Normal Close, for electric lock, light switch or other relative high voltage devices  Network Interface  Network Interface  Network Interface  Expansion Interface  R5485, Wiegand (26 bits) input and output  173mm(H) x 80mm(W) x 36mm(D) 0.6Kg  Power Supply Poe IEEE 802.3af Class 3, or 12VDC/1A connection (AC power adapter not included) Interoperability ONVIF (Profile S)  Ingress Protection  Weather proof, vandal resistant, with support for extra back reinforcing metal plate  Temperature and Humidity Humidity: 10% to 90% Non-condensing  Protection Class  IP66 (EN60529), IK09 (IEC62262)  FCC: Part 15 subpart B Class B; Part 15 C; MPE CE: EN 55032 Class B; EN 61000-3-2; EN 61000-3-3; EN 50130; EN 60950-1; EN 300330; EN 301489; EN 62311 RCM: AS/NZS CISPR 22; AS/NZS 4268; AS/NZS 60950.1	RFID	125KHz: EM4100 (1 RFID card and 1 RFID key fob included)
Alarm Output Yes, 2 Relay, 125VAC/0.5A, 30VDC/2A, Normal Open or Normal Close, for electric lock, light switch or other relative high voltage devices  Network Interface 10M/100M auto-sensing Expansion Interface R5485, Wiegand (26 bits) input and output  Dimensions (H x W x D) and Weight 0.6Kg  Power Supply PoE IEEE 802.3af Class 3, or 12VDC/1A connection (AC power adapter not included) Interoperability ONVIF (Profile S) Ingress Protection Weather proof, vandal resistant, with support for extra back reinforcing metal plate  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 IP66 (EN60529), IK09 (IEC62262)  FCC: Part 15 subpart B Class B; Part 15 C; MPE CE: EN 55032 Class B; EN 61000-3-2; EN 61000-3-3; EN 50130; EN 60950-1; EN 300330; EN 301489; EN 62311 RCM: AS/NZS CISPR 22; AS/NZS 4268; AS/NZS 60950.1	RFID Number Supported	Up to 2,000 recommended
Network Interface 10M/100M auto-sensing  Expansion Interface RS485, Wiegand (26 bits) input and output  Dimensions (H x W x D) 173mm(H) x 80mm(W) x 36mm(D) 0.6Kg  Power Supply PoE IEEE 802.3af Class 3, or 12VDC/1A connection (AC power adapter not included)  Interoperability ONVIF (Profile S)  Ingress Protection Weather proof, vandal resistant, with support for extra back reinforcing metal plate  Temperature and Humidity Humidity: 10% to 90% Non-condensing  Protection Class IP66 (EN60529), IK09 (IEC62262)  FCC: Part 15 subpart B Class B; Part 15 C; MPE CE: EN 55032 Class B; EN 61000-3-2; EN 61000-3-3; EN 50130; EN 60950-1; EN 300330; EN 301489; EN 62311  RCM: AS/NZS CISPR 22; AS/NZS 4268; AS/NZS 60950.1	Alarm Input	Yes, 2 Optocoupler, Vin < 15V, for door sensor or other low voltage devices
Expansion Interface RS485, Wiegand (26 bits) input and output  Dimensions (H x W x D) 173mm(H) x 80mm(W) x 36mm(D) 0.6Kg  Power Supply PoE IEEE 802.3af Class 3, or 12VDC/1A connection (AC power adapter not included)  Interoperability ONVIF (Profile S)  Ingress Protection Weather proof, vandal resistant, with support for extra back reinforcing metal plate  Temperature and Humidity Storage: -35°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 IP66 (EN60529), IK09 (IEC62262)  FCC: Part 15 subpart B Class B; Part 15 C; MPE CE: EN 55032 Class B; EN 61000-3-2; EN 61000-3-3; EN 50130; EN 60950-1; EN 300330; EN 301489; EN 62311 RCM: AS/NZS CISPR 22; AS/NZS 4268; AS/NZS 60950.1	Alarm Output	Yes, 2 Relay, 125VAC/0.5A, 30VDC/2A, Normal Open or Normal Close, for electric lock, light switch or other relative high voltage devices
Dimensions (H x W x D) and Weight  Power Supply PoE IEEE 802.3af Class 3, or 12VDC/1A connection (AC power adapter not included)  Interoperability ONVIF (Profile S)  Ingress Protection Weather proof, vandal resistant, with support for extra back reinforcing metal plate  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 IP66 (EN60529), IK09 (IEC62262)  FCC: Part 15 subpart B Class B; Part 15 C; MPE CE: EN 55032 Class B; EN 61000-3-2; EN 61000-3-3; EN 50130; EN 60950-1; EN 300330; EN 301489; EN 62311 RCM: AS/NZS CISPR 22; AS/NZS 4268; AS/NZS 60950.1	Network Interface	10M/100M auto-sensing
Power Supply PoE IEEE 802.3af Class 3, or 12VDC/1A connection (AC power adapter not included)  Interoperability ONVIF (Profile S)  Ingress Protection Weather proof, vandal resistant, with support for extra back reinforcing metal plate  Temperature and Humidity Storage: -35°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 IP66 (EN60529), IK09 (IEC62262)  FCC: Part 15 subpart B Class B; Part 15 C; MPE  CE: EN 55032 Class B; EN 61000-3-2; EN 61000-3-3; EN 50130; EN 60950-1; EN 300330; EN 301489; EN 62311 RCM: AS/NZS CISPR 22; AS/NZS 4268; AS/NZS 60950.1	Expansion Interface	RS485, Wiegand (26 bits) input and output
Interoperability ONVIF (Profile S)  Ingress Protection Weather proof, vandal resistant, with support for extra back reinforcing metal plate  Temperature and Humidity 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 IP66 (EN60529), IK09 (IEC62262)  FCC: Part 15 subpart B Class B; Part 15 C; MPE CE: EN 55032 Class B; EN 61000-3-2; EN 61000-3-3; EN 50130; EN 60950-1; EN 300330; EN 301489; EN 62311 RCM: AS/NZS CISPR 22; AS/NZS 4268; AS/NZS 60950.1		
Ingress Protection Weather proof, vandal resistant, with support for extra back reinforcing metal plate  Temperature and Humidity  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  IP66 (EN60529), IK09 (IEC62262)  FCC: Part 15 subpart B Class B; Part 15 C; MPE CE: EN 55032 Class B; EN 61000-3-2; EN 61000-3-3; EN 50130; EN 60950-1; EN 300330; EN 301489; EN 62311 RCM: AS/NZS CISPR 22; AS/NZS 4268; AS/NZS 60950.1	Power Supply	PoE IEEE 802.3af Class 3, or 12VDC/1A connection (AC power adapter not included)
Temperature and Humidity  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  IP66 (EN60529), IK09 (IEC62262)  FCC: Part 15 subpart B Class B; Part 15 C; MPE CE: EN 55032 Class B; EN 61000-3-2; EN 61000-3-3; EN 50130; EN 60950-1; EN 300330; EN 301489; EN 62311 RCM: AS/NZS CISPR 22; AS/NZS 4268; AS/NZS 60950.1	Interoperability	ONVIF (Profile S)
Storage: -35°C to 60°C (-31°F to 140°F)	Ingress Protection	Weather proof, vandal resistant, with support for extra back reinforcing metal plate
FCC: Part 15 subpart B Class B; Part 15 C; MPE CE: EN 55032 Class B; EN 61000-3-2; EN 61000-3-3; EN 50130; EN 60950-1; EN 300330; Compliance EN 301489; EN 62311 RCM: AS/NZS CISPR 22; AS/NZS 4268; AS/NZS 60950.1		Storage: -35°C to 60°C (-31°F to 140°F)
CE: EN 55032 Class B; EN 61000-3-2; EN 61000-3-3; EN 50130; EN 60950-1; EN 300330; EN 301489; EN 62311 RCM: AS/NZS CISPR 22; AS/NZS 4268; AS/NZS 60950.1	Protection Class	IP66 (EN60529), IK09 (IEC62262)
	Compliance	<b>CE:</b> EN 55032 Class B; EN 61000-3-2; EN 61000-3-3; EN 50130; EN 60950-1; EN 300330; EN 301489; EN 62311 <b>RCM:</b> AS/NZS CISPR 22; AS/NZS 4268; AS/NZS 60950.1

