



GRANDSTREAM  
CONNECTING THE WORLD



## IP Audio Door System GDS3705

The GDS3705 was built for users looking for a strong audio-only facility access and security monitoring solution that can be deployed in environments of all sizes. This audio door system features dual microphones and HD loudspeaker with advanced AEC to offer intercom functionality, can support SIP calls to IP phones and has a built-in RFID chip reader and keypad for secured keyless or key entry. The GDS3705 comes equipped with a zinc alloy metal casing, making it weatherproof and vandal resistant and offers alarm-in and alarm-out support for integration with existing security devices. The GDS3705 integrates with Grandstream's free management utility software, GDS Manager, allowing RFID card information, as well as the device itself to be fully managed by this software. Thanks to its integration with other Grandstream endpoints like the GXP IP phones, GXV video phones, and GS Wave mobile app, the GDS3705 offers a complete end-to-end solution for access control, audio intercom, and security needs.



HD audio options with up to 1.5m of audio input and 3m of audio output



Built-in RFID chip reader for keyless entry



Supports SIP calls to IP phones to facilitate communication



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



Integrated PoE to power the device and provide a network connection



Built-in dual microphone and HD loudspeaker with advanced AEC offers intercom functionality

|                                     |                                                                                                                                                                                                                                             |
|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Network</b>                      | 10M/100M Auto-sensing                                                                                                                                                                                                                       |
| <b>PoE</b>                          | PoE IEEE 802.3af Class3                                                                                                                                                                                                                     |
| <b>Supply Voltage</b>               | 12VDC /1A (AC power adapter not included)                                                                                                                                                                                                   |
| <b>SIP/VoIP Support</b>             | Yes, broad interoperability                                                                                                                                                                                                                 |
| <b>Voice Codecs</b>                 | G.711μ/a-law, G.722, DTMF (RFC2833, SIP INFO), AEC, ANS                                                                                                                                                                                     |
| <b>Audio Input</b>                  | Integrated dual microphones up to 1.5m                                                                                                                                                                                                      |
| <b>Audio Output</b>                 | HD loudspeaker 2W, up to 3m                                                                                                                                                                                                                 |
| <b>Built-in Key Pad</b>             | 12+1 Metal keys with Blue LED backlight                                                                                                                                                                                                     |
| <b>RFID</b>                         | EM4100 (125kHz)                                                                                                                                                                                                                             |
| <b>RFID Number Supported</b>        | Up to 2,000 recommended                                                                                                                                                                                                                     |
| <b>Input</b>                        | 2 Optocoupler Input, Vin < 15V, for door sensor or other low voltage devices                                                                                                                                                                |
| <b>Output</b>                       | 2 Relay, 125VAC/0.5A or 30VDC/2A, Normal Open or Normal Close, for electric lock, light switch or other relative high voltage devices                                                                                                       |
| <b>Expansion Interface</b>          | RS485, Wiegand (26 bits) input and output                                                                                                                                                                                                   |
| <b>Waterproof Certification</b>     | IP66 (EN60529)                                                                                                                                                                                                                              |
| <b>Vandal Resistance</b>            | IK09 (IEC62262)                                                                                                                                                                                                                             |
| <b>Temperature Range</b>            | -30°C to 60°C                                                                                                                                                                                                                               |
| <b>Mounting</b>                     | Wall-Surface, In-Wall                                                                                                                                                                                                                       |
| <b>Dimension (HxWxD) and Weight</b> | In wall 217mm x 120mm x 11.6mm; On Wall 173mm x 80mm x 36mm<br>0.635Kg                                                                                                                                                                      |
| <b>Compliance</b>                   | <b>FCC:</b> Part 15 subpart B;Part15C;MPE<br><b>CE:</b> EN55032 Class B; EN61000-3-2; EN61000-3-3; EN50130; EN300 330; EN301 489-1/-3; EN60950-1; EN62311<br><b>RCM:</b> AS/NZS CISPR32;AS/NZS4268;AS/NZ60950<br><b>IC:</b> ICES-003;RSS310 |