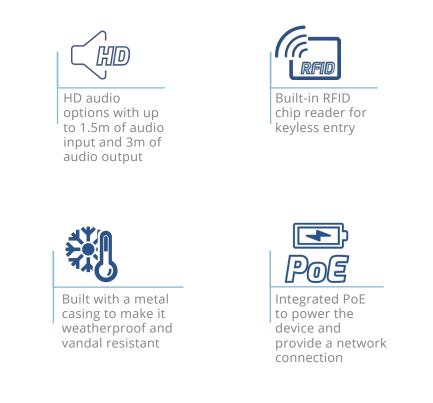# GRANDSTREAM
CONNECTING THE WORLD

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

RFID
Built-in RFID chip reader for keyless entry

SIP
Supports SIP calls to IP phones to facilitate communication

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

PoE
Integrated PoE to power the device and provide a network connection

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

Network	10M/100M Auto-sensing
PoE	PoE IEEE 802.3af Class3
Supply Voltage	12VDC /1A (AC power adapter not included)
SIP/VoIP Support	Yes, broad interoperability
Voice Codecs	G.711μ/a, G.722
Audio Input	Integrated dual microphones up to 1.5m
Audio Output	HD loudspeaker 2W, up to 3m
Built-in Key Pad	12+1 Metal keys with Blue LED backlight
RFID	EM4100 (125kHz)
Input	2 Optocoupler Input, VIN <15V, for Door Switch/Magnetic and Alarm in
Output	2 Relay, 125VAC/0.5A, 30VDC/2A, for Electric Lock and Alarm out
Wiegand	IN & OUT Wiegand 26
RS485	RS485 (300m or 1000ft)
Waterproof Certification	IP66 (EN60529)
Vandal Resistance	IK09 (IEC62262)
Temperature Range	-30°C to 60°C
Mounting	Wall-Surface, In-Wall
Dimension (HxWxD) and Weight	In wall 217mm x 120mm x 11.6mm; On Wall 173mm x 80mm x 36mm 0.635Kg
Compliance	**FCC:** Part 15 subpart B;Part15C;MPE **CE:** EN55032 Class B; EN61000-3-2; EN61000-3-3; EN50130; EN300 330; EN301 489-1/-3; EN60950-1; EN62311 **RCM:** AS/NZS CISPR32;AS/NZS4268;AS/NZ60950 **IC:**ICES-003;RSS310