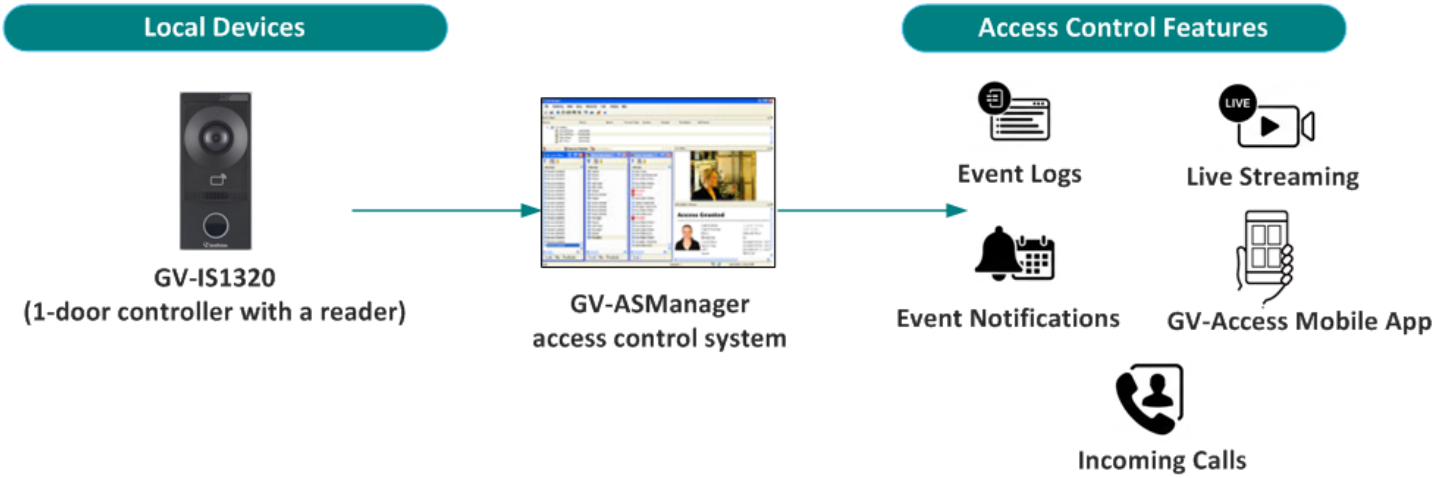
GV-IS1320 H.265 2MP WDR IP Video Intercom



Introduction

The GV-IS1320 Intercom Controller combines advanced access control with real-time video communication. Featuring a built-in 2 MP camera and 13.56 MHz reader, it integrates effortlessly with the GV-ASManager system to manage up to 100,000 access cards — ideal for enterprises, campuses, and multi-site facilities.

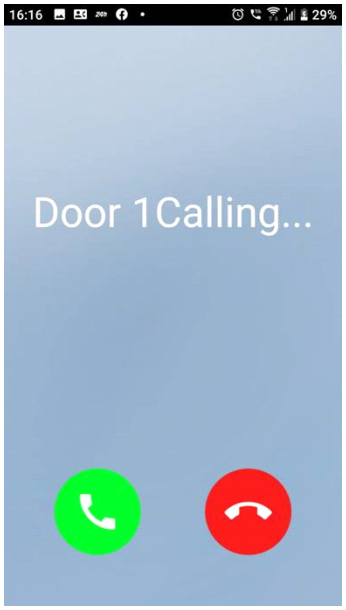
During access events, the GV-IS1320 delivers live video streaming and snapshots, giving operators instant visibility at every entry or exit point. And with a simple press of the call button, visitors connect directly to the GV-ASManager operator, who can see, speak, and grant access — all from one intuitive interface.

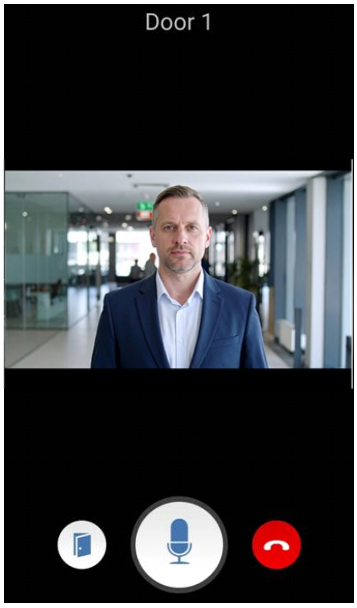


Incoming calls on GV-Access Mobile App

When the call button on GV-IS1320 is pressed, the GV-Access mobile app displays an incoming call screen. Once the call is accepted, the live view is displayed.

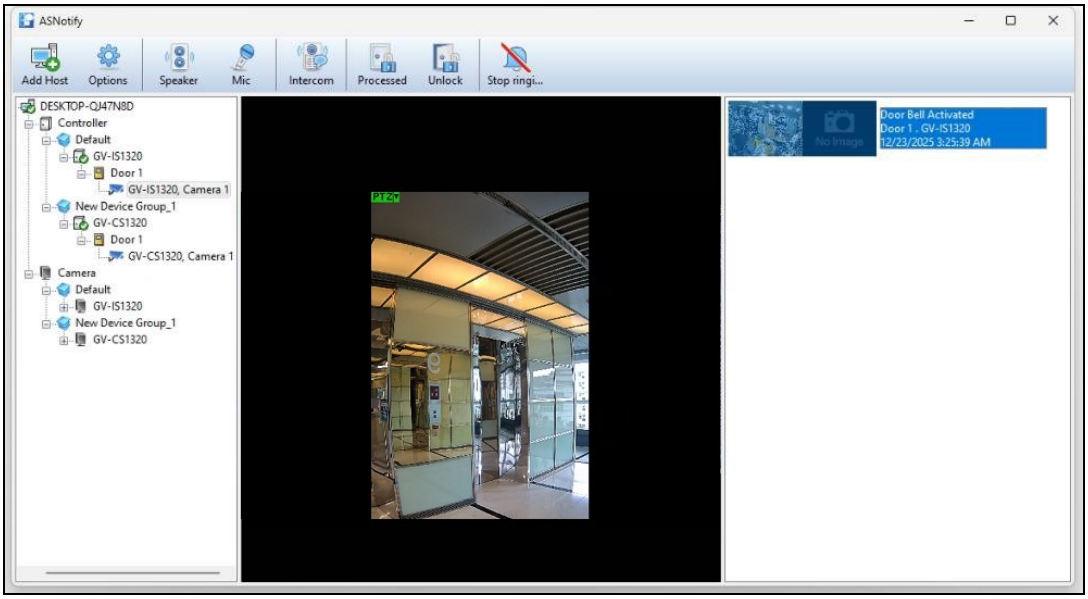






Incoming calls on GV-ASManager (via GV-ASNotfiy)

When the call button is pressed on the GV-IS1320, real-time snapshots and event alerts will appear in the GV-ASNotify window. Via GV-ASNotify, operators can communicate with guests through two-way audio and remotely unlock the door.



Key Features

Controller

- One door IP controller (entry and exit)
- Built-in 13.56 MHz, ISO 14443A reader
- 4 inputs (Door Sensor, Door Button, Fire Sensor, Tamper Sensor)
- 2 outputs (Door Lock, Alarm)
- 2 GeoVision RS-485 or OSDP compliant readers supported

GV-ASManager Access Control

- Call button to activate two-way communication between the operator and visitors
- Snapshots captured upon card presented or call button activated
- Up to 100,000 cards
- Door alarms: Held Open, Force Open, Tamper, and Fire Alarm
- Emergency lockdown
- Event alert approaches: e-mail and mobile app
- Log search
- Video integration for snapshots and live stream
- E-Map to visualize and display device locations during events

Camera

- 1/2.9” progressive scan CMOS
- Minimum illumination at 0.02 lux
- Dual streams from MJPEG, H.264 and H.265
- Up to 30 fps at 1920 x 1080
- Intelligent IR
- Wide Dynamic Range (WDR)
- IR distance up to 3 m (10 ft)
- Day and night function (with removable IR-cut filter)
- Ingress protection (IP65)
- DC 12V / PoE (IEEE 802.3af)
- Built-in microphone and speaker
- Built-in microSD card slot (SD / SDHC / SDXC / UHS-I, Class 10) for local storage
- 2D/3D noise reduction
- Text overlay
- Privacy mask

Specifications

Camera	
Image Sensor	1/2.9" progressive scan CMOS
Picture Elements	1920 (H) x 1080 (V)
Shutter Speed	Automatic, Manual (1/25 ~ 1/100000 sec)
White Balance	Automatic, Manual
Gain Control	Automatic, Manual
Lens	
Megapixel	2 MP
Day / Night function	Yes (with removable IR-cut filter)
Lens Type	Fixed
Focal Length	2.58 mm
Maximum Aperture	F/2.0
Mount	M12

Horizontal FOV		124.3°
Operation	Focus	Fixed
	Zoom	Fixed
	Iris	Fixed
IR LED Quantity		2 IR LEDs
Max. IR Distance		3 m (10 ft)
Operation		
Video Compression		H.265, H.264
Video Streaming		Dual streams from MJPEG, H.264 and H.265
Video Resolution	Stream 1	1920 x 1080 (16:9)
	Stream 2	1280 x 720 (16:9)
Frame Rate		30 fps at 1920 x 1080 25 fps at 1920 x 1080, 1280 x 720 * The frame rate and the performance may vary depending on the number of connections and data bitrates (different scenes).
Image Setting		Brightness, Contrast, Saturation, Sharpness, Flicker-less, 3D Noise Reduction, Image Orientation (Flip, Mirror, 0°, 90°, 180°°-including Corridor format)
Audio Compression		PCM, G711, MP3
Audio Support		Two-way audio
Network		
Interface		10/100 Ethernet
Protocol		802.1x, ARP, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, IPv4, NTP, PPPoE, RTCP, RTP, RTSP, TCP, UDP
Mechanical		
Connector	Power	2-pin terminal block, PoE
	Ethernet	RJ-45
	Audio	Built-in microphone and speaker
	RS-485	RS-485 interface *For the RS-485 interface, connect only one of the following reader types to GV-IS1320: either GeoVision RS-485 readers or OSDP-compliant readers. * Separate power source is required to power RS-485 readers.
	Digital I/O	Terminal block, 4 inputs and 2 outputs
	Audio	Built-in microphone: Yes
		Built-in speaker: Yes
	Local Storage	microSD card slot (SD / SDHC / SDXC / UHS-I, Class 10) * UHS-II card type is not supported.
General		
Operating Temperature		-30°C ~ 60°C (-22°F ~ 140°F)
Humidity		10 ~ 90% (no condensation)
Power Source		12 V DC ±25%, 1 A / PoE (IEEE 802.3af)
Maximum Power Consumption		10 W
Dimensions		79 x 171 x 34 mm (3.1 x 6.7 x 1.3”)
Weight		0.267 kg (0.59 lb)
Ingress Protection		IP65
Certification		CE, FCC, LVD, RoHS, UL compliant

Web Interface	
Installation Management	Web-based configuration
Maintenance	Firmware upgrade through Web Browser or Utility
Access from Web Browser	Camera Live View, Bandwidth Status, Image Snapshot, Two-way Audio, Text Overlay, Image Masking, Image Parameters
Language	English
Applications	
Live Viewing	Web interface via browser (IE, Edge, Chrome, Firefox)
Access Control Management	GV-ASManager
Mobile App	GV-Access mobile app
Controller	
Number of User Cards	100,000 cards
Frequency	13.56 MHz ISO14443A
Event Buffer	65,535 events and log data
RS-485 Interface	1 RS-485 interface for max. 2 RS-485 / OSDP readers
Communication Protocol	TCP/IP
Digital I/O	4 inputs (Door Sensor, Door Button, Fire Sensor, Tamper Sensor) dry contact NO/NC
	2 relay outputs (Door Lock, Alarm) 30V DC, 2A
Supported ID Formats	Built-in UID reader

Note:

1. The GV-IS1320 controller only supports GeoVision RS-485 readers or OSDP-compliant readers. It does not support network readers.
2. All specifications are subject to change without notice.

Packing List

- GV-IS1320
- Function Cable
- Screw Kit
- Screw Driver
- microSD Card (32 GB)
- Drill Template Paster
- Wall Mount Bracket
- Embedded Bracket
- Download Guide

Note: Ensure the SD card is inserted during installation and formatted via the Web interface. Without a properly installed and formatted SD card, the controller will not function correctly.

Options

Optional accessories can expand the capabilities and versatilities of your controller. Consult your sales representative for more information.

GV-AS ID Card, Key Fob, Sticker	13.56 MHz cards, key fobs and stickers are available.		
GV-IB25 / 65 / 85 Infrared Button	GV-IB25 / 65 / 85 Infrared Button detects infrared movement within 3 to 12 cm and allows you to open the door with a wave of hand.		
Electric Lock	Three types of electric locks are available: electromagnetic lock, electric bolt and electric strike.		
Push Button Switch	The push button switch can be integrated with access control system, allowing door exit by momentarily activating or deactivating the electric locking device. Both American standard and European standard push buttons are available.		
Power Adapter	Contact our sales representatives for the countries and areas supported.		
GV-Mount929	Sunshield Wall Mount		With GV-Mount929, the intercom controller can be conveniently installed at outdoor locations exposed to sunlight. Dimensions: 178.5 × 83 × 50 mm (7.0” × 3.3” × 2.0”) Weight: 0.21 kg (0.46 lb)

Dimensions

