

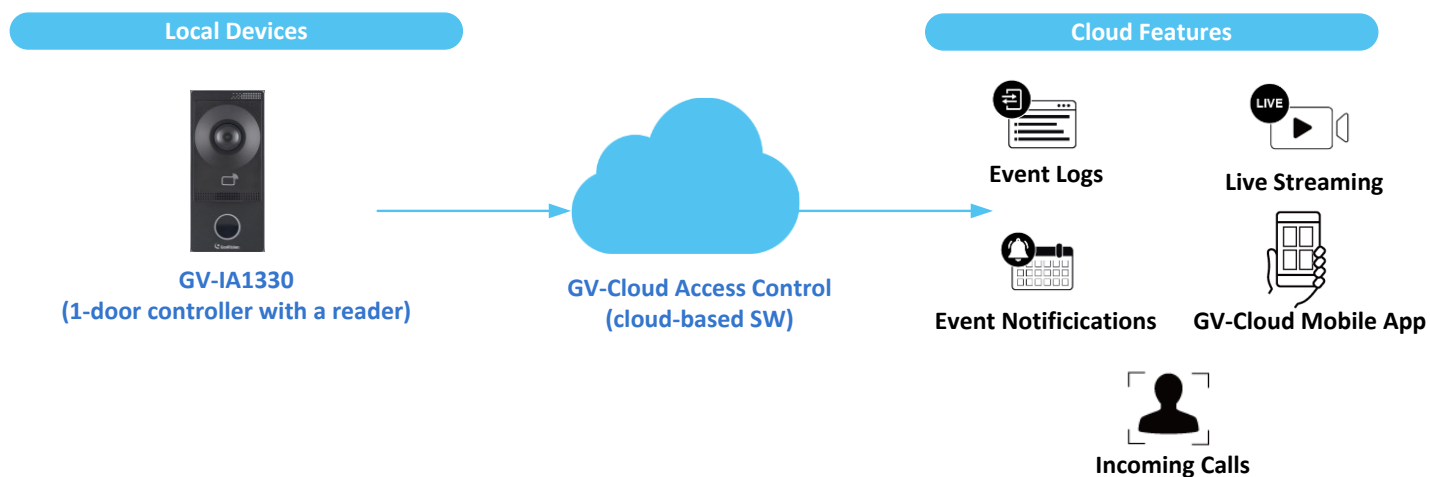
## GV-IA1330 H.265 2MP WDR IP Video Intercom



### Introduction

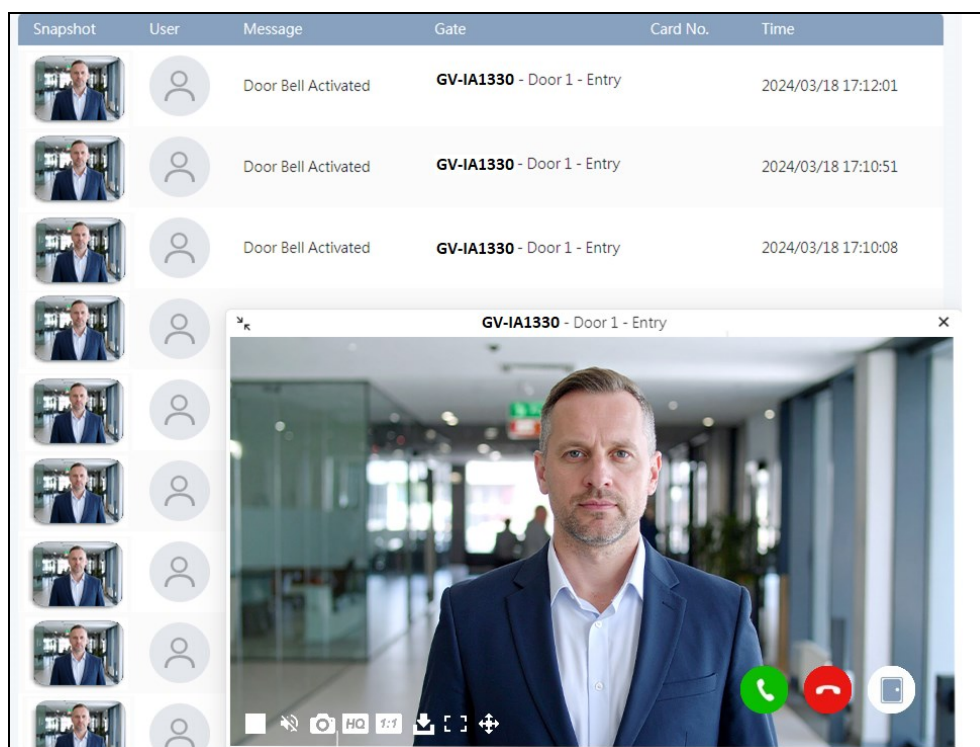
The GV-IA1330 intercom controller features a built-in 2 MP camera and a 13.56 MHz reader. Designed for integration with the GV-Cloud Access Control platform, it enables cloud-based access management for up to 100,000 cards. The camera captures snapshots and streams live video of entry or exit to GV-Cloud Access Control during access events.

When the GV-IA1330 touchpad is pressed, the platform displays an incoming call screen, allowing the operator to view live video, communicate with the visitor, and perform door control operations.



## Incoming calls on GV-Cloud Access Control

When the touchpad on GV-IA1330 is pressed, GV-Cloud Access Control displays an incoming call screen in the bottom right corner of the Web interface. The incoming call screen provides three options—Answer, End, and Unlock Door—allowing users to respond to visitors and manage access with ease.



## 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's RS-485 or OSDP compliant readers supported

### GV-Cloud Access Control

- Touchpad to activate two-way communication between the operator and visitors
- Snapshots captured upon card presented or touchpad activated
- Up to 100,000 cards
- Door alarms: Held Open, Force Open, Tamper, and Fire Alarm
- Emergency lockdown
- Event alert approaches: e-mail; mobile app, web and desktop push notifications
- 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<br>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-IA1330: either GeoVision RS-485 readers or OSDP-compliant readers.<br>* 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 | Micro SD card slot (SD / SDHC / SDXC / UHS-I, Class 10)<br>* 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-Cloud Access Control                               |
| Mobile App                | GV-Cloud mobile app (support coming soon)             |

#### 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)<br>dry contact NO/NC |
|                        | 2 relay outputs (Door Lock, Alarm)<br>(30V DC, 2A)                                   |
| Supported ID Formats   | Built-in UID reader                                                                  |

#### Note:

- Only GeoVision readers are supported by RS-485 and network communications, while OSDP is compatible with third-party readers.
- Video playback only works on GV-Cloud VMS (not GV-Cloud Access Control) when connecting GV-IA1330 with GV-Cloud Bridge series.
- All specifications are subject to change without notice.

#### Packing List

- GV-IA1330
- Function Cable
- Screw Kit
- Screw Driver
- MicroSD Card (32 GB, formatted and inserted)
- Drill Template Paster
- Wall Mount Bracket
- Embedded Bracket
- Download Guide

## Options

Optional accessories can expand the capabilities and versatility 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.                                                                                                                                   |
| Power Adapter                     | Contact our sales representatives for the countries and areas supported.                                                                                                                                                                |
| 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. |

## Dimensions

