

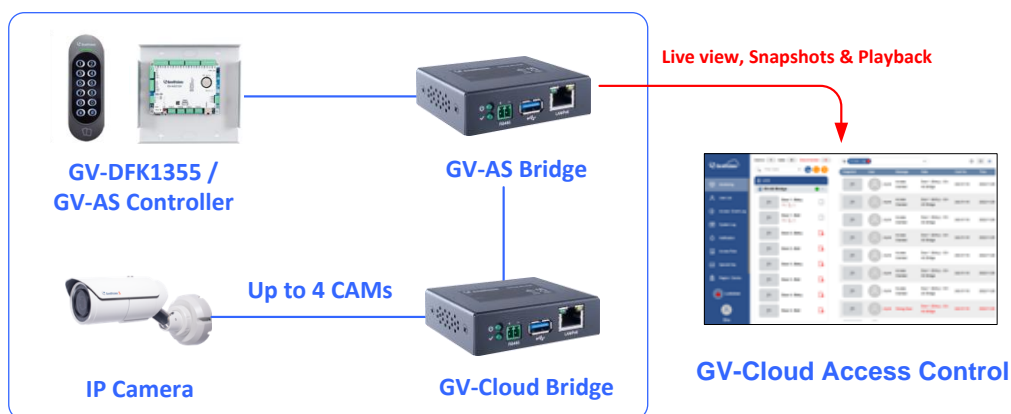
# GV-AS Bridge



## Introduction

GV-AS Bridge is a cloud controller that bridges GV-AS Controller and GV-DFK1355 readers to the cloud-based GV-Cloud Access Control for integrated monitoring and administration. It also serves as a controller for storing access data and transmits the data to GV-Cloud Access Control for central access management. A maximum of 8 readers can be either directly connected or connected via GV-AS Controller to GV-AS Bridge. Up to 4 doors access administration is applicable at a time for the access control. Using GV-AS Bridge, you can transmit the data collected from the connected GV-AS Controller and GV-Reader to GV-Cloud Access Control for various applications, including access logs, central management for different surveillance sites, user management, and access rule settings.

When directly connecting to IP cameras or connecting IP cameras using the GV-Cloud Bridge encoder, GV-AS Bridge can transmit snapshots, live view, and playback recordings to GV-Cloud Access Control upon access events. Up to 4 IP cameras can be directly connected to GV-AS Bridge or via a single GV-Cloud Bridge.



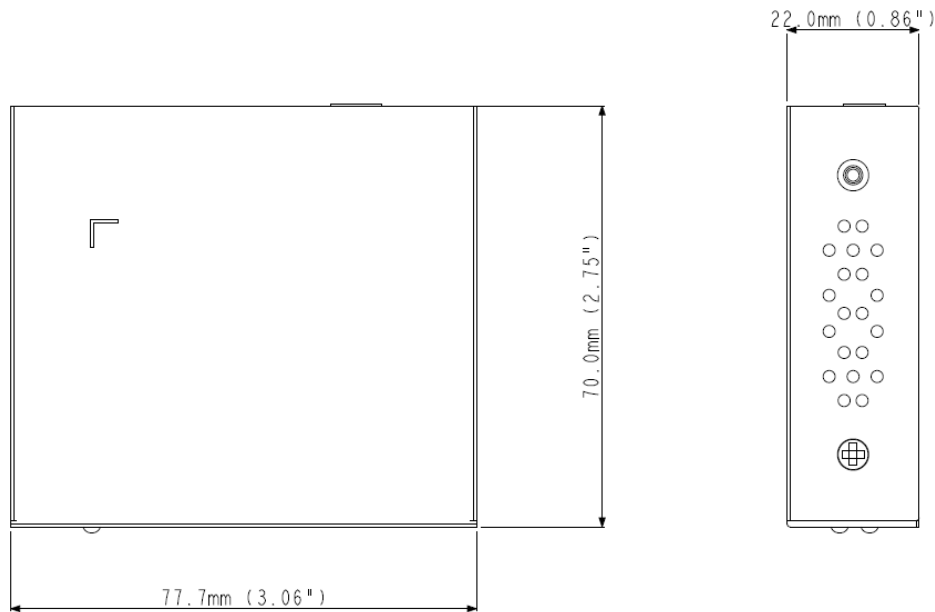
## Key Features

- Support for up to 8 readers connection via GV-AS Controller
- Support for up to 8 RS-485 GV-Reader connection (GV-DFK1355)
- Support for up to 4-door access control
- Support for access logs and event images upload onto GV-Cloud Access Control
- Support for live view display of connected IP cameras on GV-Cloud Access Control

## Compatible Products

- **GV-AS Controller:** GV-AS210 / 2110 / 2120, GV-AS410 / 4110 / 4111 firmware V2.60 or later
- **GV-Reader:** GV-DFK1355
- **GV-Cloud Access Control** (cloud-based software): V1.00 or later
- **GV-Cloud VMS** (cloud-based software): V1.00 or later
- **GV-Cloud Bridge** (encoder): firmware V1.03 or later
- **Camera:** GV-IP cameras and ONVIF cameras

## Dimensions



## Specifications

Network		
Interface	10/100 Ethernet	
Protocol	DHCP, DNS, HTTP, ICMP, IPv4, NTP, TCP/IP, UDP	
Mechanical		
Connectors	Power	2-pin terminal block, PoE
	Ethernet	Ethernet (10/100 Base-T), RJ-45 Cable
	USB	USB 3.0
	RS-485	RS-485 +/-
LED Indicator	2 LEDs: Power, Status	
General		
Environment Temperature	Start-up	-0°C ~ 60°C (32°F ~ 140°F)
	Operation	
Humidity	10% to 90% (no condensation)	
Power Source	12V DC, 1.25A / PoE (IEEE 802.3af)	
Max. Power Consumption	7 W	
Dimensions	77 x 22 x 70 mm (3.06" x 0.86" x 2.75")	
Weight	173 g (0.38 lb)	
Certification	CE, FCC, LVD, RoHS compliant	
Power over Ethernet		
PoE Standard	PoE (IEEE 802.3af)	
PoE Power Supply Type	End-Span and Mid-Span	
PoE Power Output	Per Port 48V DC, 320mA, Max. 15.4 watts	
Web Interface		
Installation Management	Web-based configuration	
Maintenance	Firmware upgrade through GV-IP Device Utility	
Language	English	

Application	
Software Supported	GV-Cloud Access Control GV-Cloud VMS
Cloud Encoder Supported	Up to 2 GV-Cloud Bridge encoders (firmware V1.03 or later)

**Note:** Specifications are subject to change without notice.

## Packing List

1. GV-AS Bridge
2. Terminal Block
3. Download Guide

## Accessories

Model No.	Name	Details
GV-PA191 PoE Adapter	Power over Ethernet (PoE) Adapter	GV-PA191 is a Power over Ethernet (PoE) adapter designed to provide power to the IP device through a single Ethernet cable.
GV-POE Switch		GV-POE Switch is designed to provide power along with network connection for IP devices. The GV-POE Switch is available in various models with different numbers and types of ports.
Power Adapter		Contact our sales representatives for the countries and areas supported.