GV-AVD4710   4MP H.265 4.3x Zoom Low Lux WDR Pro IR Vandal Proof IP Dome

- 1/3" progressive scan low lux CMOS
- Min. illumination at 0.02 lux
- Triple streams from H.265, H.264 and MJPEG
- Up to 20 fps at 2592 x 1520, 25 fps at 2560 x 1440 and 30 fps at 2048 x 1520
- Motorized varifocal lens for remote focus / zoom adjustment
- Intelligent IR
- IR distance up to 30 m (98.4 ft)
- Day and Night function (with removable IR-cut filter)
- Vandal resistance (IK10 for metal casing)
- Ingress protection (IP67)
- 3-axis mechanism (pan / tilt / rotate)
- DC 12V / PoE (IEEE 802.3af)
- Built-in micro SD card slot (SD / SDHC / SDXC / UHS-I, Class 10) for local storage
- Two-way audio
- Wide Dynamic Range Pro (WDR Pro)
- Defog
- 3D noise reduction
- Motion detection
- Text overlay
- Privacy mask
- Tampering Alarm
- ONVIF (Profile S) conformant

Introduction

The Vandal Proof IP Dome is an outdoor camera designed with IK10 vandal resistance and IP67 ingress protection. GV-AVD4710 supports H.265 video codec to achieve better compression ratio while maintaining high quality pictures at reduced network bandwidths. The camera is equipped with an automatic IR-cut filter and IR LEDs for day and night surveillance. Adjustable in 3 axis (pan, tilt and rotate), it offers an entry-level surveillance solution with all the essential features and excellent image quality.
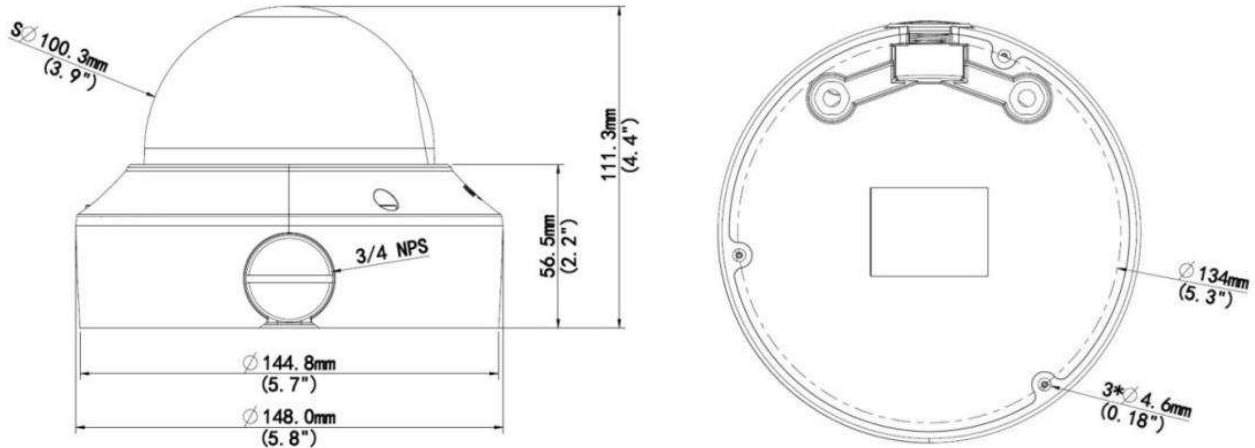
Active Tampering Alarm

Tampered	Focus Change	Camera Shift

Dimensions

Specifications

Camera		
Image Sensor		1/3" progressive scan low lux CMOS
Picture Elements		2592(H) x 1520 (V)
Minimum Illumination	Color	0.02 Lux
	IR On	0 Lux
Shutter Speed		Automatic, Manual (1/6 ~ 1/100000 sec)
White Balance		Automatic, Manual
Gain Control		Automatic, Manual
S/N Ratio		56 dB
WDR Pro		Yes
Dynamic Range		Up to 120 dB
Lens		
Megapixel		4 MP
Day/Night		Yes (with removable IR-cut filter)
Focal Length		2.8 ~ 12 mm
Lens Type		Motorized varifocal lens
Maximum Aperture		F/1.4
Mount		Ø14 mm
Horizontal FOV		91°~27°
Operation	Focus	Automatic / Manual
	Zoom	4.3x Optical Zoom
	Iris	Fixed
IR LED Quantity		2 IR LEDs
Max. IR Distance		30 m (98.4 ft)
Operation		
Video Compression		H.265, H.264, MJPEG
Video Streaming		Triple streams
Frame Rate		20 fps at 2592 x 1520, 25 fps at 2560 x 1440, 30 fps at 2048 x 1520 (60 / 50 Hz) * The frame rate and the performance may vary depending on the number of connections and data bitrates (different scenes).
Audio Compression		G.711
Audio Support		Two-way Audio

Video Resolution

Video Resolution		
Video Resolution	Main Stream	2592 x 1520, 2560 x 1440 (Default), 2048 x 1520, 1920 x 1080
	Sub Stream	1920 x 1080, 1280 x 720, 720 x 576 (Default), 704 x 288, 640 x 360, 352 x 288
	Third Stream (Closed by Default)	720 x 576, 704 x 288, 640 x 360, 352 x 288

Network

Interface	10/100 Ethernet
Ethernet Protocol	DHCP, DynDNS, FTP, HTTP, HTTPS, IPv4, ICMP, L2TP, NTP, PPPoE, RTP, RTSP, SMTP, SIP, TCP/IP, UDP, ONVIF (Profile S)

Mechanical

Camera Angle Adjustment	Pan	0° ~ 360°
	Tilt	0° ~ 80°
	Rotate	0° ~ 360°
Connectors	Power	DC Jack, PoE
	Ethernet	RJ-45
	Audio	1 in (Audio In Wire); 1 out (Audio Out Wire) *The Audio In port only supports active microphones.
	Digital I/O	4-pin terminal block pitch 3.5 mm (0.14")
	Local Storage	Micro SD card slot (SD / SDHC / SDXC / UHS-I, Class 10) * UHS-II card types are not supported.
	TV-Out	BNC connector

General

Environment Temperature	-40°C ~ 60°C (-22°F ~ 140°F)
Humidity	0% to 95% (no condensation)
Power Source	12V DC / PoE (IEEE 802.3af)
Max. Power Consumption	7.2 W
Dimension	Ø148 x 111.3 mm (Ø5.8" x 4.4")
Weight	0.75 kg (1.7 lb)
Ingress Protection	IP67
Vandal Resistance	IK10

Web Interface

Installation Management	Web-based configuration
Maintenance	Firmware upgrade through Web Browser or Utility
Access from Web Browser	Live View, Video Recording, Change Video Quality, Bandwidth Control, Image Snapshot, Text Overlay, Image Masking
Language	Czech, English, French, German, Hungarian, Italian, Japanese, Polish, Portuguese, Russian, Spanish

Applications

Network Storage	GV-DVR / NVR (V8.7.4.0), GV-VMS (V16.11.0.0), GV-Control Center (V3.5.0.0), GV-Edge Recording Manager (V1.3.0.0), GV-Recording Server / Video Gateway (V1.4.0.0), GV-Redundant / Failover Server (V1.1.0.0)
Smart Device Access	GV-Eye for iOS and Android
Live Viewing	Browser (IE, Firefox, Safari), Mobile App

Note:

1. It is required to apply patch files to all the supported software.
2. Do not use clothes or any ordinary material to clean the camera cover since they may result in scratches.
3. Specifications are subject to change without notice.

Packing List

1. GV-AVD4710 IR Vandal Vandal Proof Dome
2. Waterproof Rubber Set
3. Screw Kit
4. Drill Template Paster

5. Torx Wrench
6. Download Guide
7. Warranty Card

Note: Power adapters can be purchased upon request.

Accessories

Model No.	Name		Details
GV-Mount211-2	Wall Mount Bracket		Dimensions: 253 x125 x 125 mm (10" x 4.9" x 4.9") Weight: 0.92 kg (2.02 lb)
GV-Mount212-2	Wall Box Mount		Dimensions: Ø145 x 40 mm (5.7" x 1.6") Weight: 0.24 kg (0.5lb)
GV-PA191	Power over Ethernet (PoE) Adapter		The 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		The 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.	