

GV-TVD4711 4MP H.265 4.3x Zoom Super Low Lux WDR Pro IR Vandal Proof IP

Dome



- 1/3" progressive scan super low lux CMOS
- Min. illumination at 0.003 lux
- Triple streams from H.265, H.264 and MJPEG
- Up to 30 fps at 2688 x 1520
- Motorized varifocal lens for remote focus / zoom adjustment
- Intelligent IR
- Day and Night function (with removable IR-cut filter)
- Wide Dynamic Range Pro (WDR Pro)
- IR distance up to 30 m (100 ft)
- Built-in micro SD card slot (SD / SDHC / SDXC / UHS-I, Class 10) for local storage
- 3-axis mechanism (pan / tilt / rotate)
- Vandal resistance (IK10 for metal casing)
- Ingress protection (IP66)
- Two-way audio capable
- DC 12V / PoE (IEEE 802.3af)
- Pigtail-free
- Defog
- 3D noise reduction
- Motion detection
- Text overlay
- Privacy mask
- Tampering Alarm
- Smart phone app support
- 12 languages supported
- ONVIF (Profile G, S) conformant

Introduction

The Vandal Proof IP Dome is an outdoor camera designed with IK10 vandal resistance and IP66 ingress protection. GV-TVD4711 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 axes (pan, tilt and rotate), it offers an entry-level surveillance solution with all the essential features and excellent image quality.

Active Tampering Alarm

Tampered



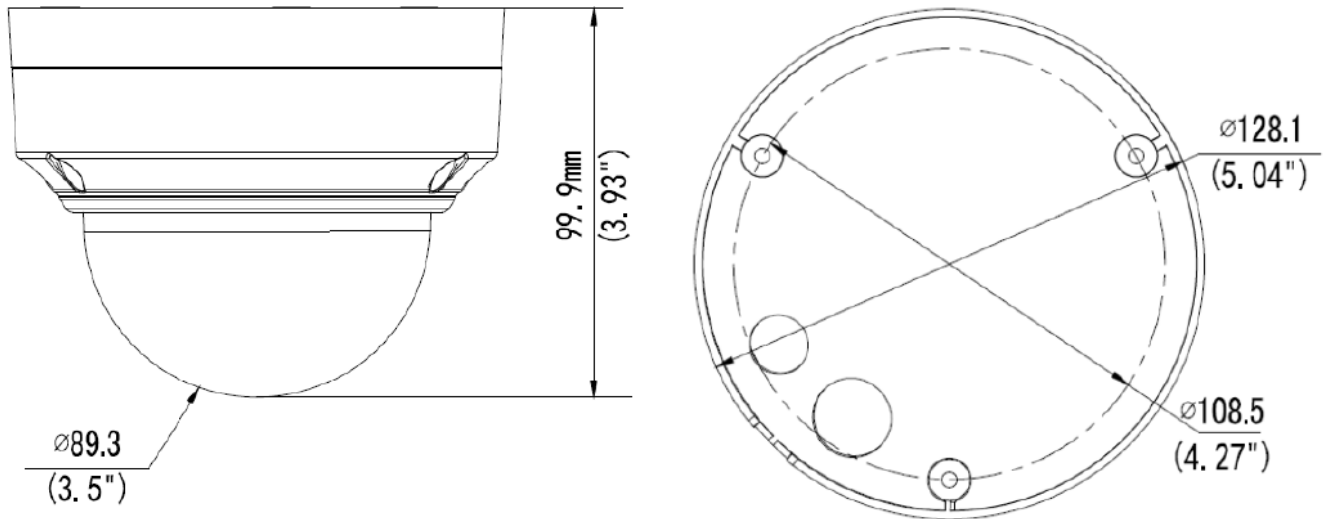
Focus Change



Camera Shift



Dimensions



Specifications

Camera		
Image Sensor		1/3" progressive scan super low lux CMOS
Picture Elements		2688(H) x 1520 (V)
Minimum Illumination	Color	0.003 Lux (F1.6, AGC ON)
	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/1.6
Mount		Ø14 mm
Horizontal FOV		98~ 31°
Operation	Focus	Automatic / Manual
	Zoom	4.3x Optical Zoom
	Iris	Fixed
IR LED Quantity		2 IR LEDs
Max. IR Distance		30 m (100 ft)
Operation		
Video Compression		H.265, H.264, MJPEG
Video Streaming		Triple streams
Video Resolution	Main Stream	2688 x 1520, 2560 x 1440 (Default), 2304 x 1296, 1920 x 1080
	Sub Stream	1280 x 720, 704 x 576, 704 x 288, 640 x 480, 640 x 360 (Default), 352 x 288
	Third Stream (Closed by Default)	640 x 360, 352 x 288
Frame Rate		30 fps at 2688 x 1520, 30 fps at 2560 x 1440, 30 fps at 2304 x 1296 (60 / 50 Hz) * The frame rate and performance may vary depending on the number of connections and data bitrates (different scenes).
Video Analytics		Motion Detection, Tampering Alarm, Intrusion, Human Body Detection

Image Setting		Brightness, Contrast, Saturation, Sharpness, Flicker-less, 3D Noise Reduction, Image Orientation (Flip, Mirror, 0°, 180°), Exposure Mode, Shutter Speed, Gain Control, Slow Shutter, Backlight Compensation (BLC), Metering Control, D/N Sensitivity, WDR, Smart Illumination, White Balance, Defog
Audio Compression		G.711
Audio Support		Two-way Audio (external microphone and speaker required)
Digital I/O	Input	1 Input, dry contact, NO / NC
	Output	1 Relay Output (1A 30V DC / 0.3A 125V AC)
Network		
Interface		10/100 Ethernet
Protocol		ARP, DHCP, DDNS, DNS, DynDNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, NTP, PPPoE, QoS, RTCP, RTP, RTSP, SMTP, TCP, UDP, UPnP, ONVIF (Profile G, S)
Mechanical		
Camera Angle Adjustment	Pan	0 ~ 360°
	Tilt	0 ~ 120°
	Rotate	0 ~ 360°
Connectors	Power	2-pin terminal block (DC 12 V, 1.25 A), PoE
	Ethernet	RJ-45
	Audio	4-pin terminal block pitch 2.5 mm (0.1") (Audio In & Audio Out)
	Digital I/O	4-pin terminal block pitch 2.5 mm (0.1")
	Local Storage	Micro SD card slot (SD / SDHC / SDXC / UHS-I, Class 10) * UHS-II card type is not supported.
General		
Operating Temperature		-35 ~ 60°C (-31 ~ 140°F)
Humidity		0 ~ 95% (no condensation)
Power Source		12 V DC / PoE (IEEE802.3af)
Max. Power Consumption		9.5 W
Dimensions		Ø125.8 x 99.9 mm (Ø4.9" x 3.93")
Weight		0.57 kg (1.26 lb)
Ingress Protection		IP66
Vandal Resistance		IK10 for metal casing
Certification		FCC, CE, RoHS, UL compliant
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, Traditional Chinese
Applications		
Software Supported		GV-VMS (V17.3.0 / V18.1.1), GV-DVR / NVR (V8.8), GV-Control Center (V3.7.0), GV-Recording Server / Video Gateway (V1.4.2), GV-Edge Recording Manager Win version (V1.4.0), GV-Redundant / Failover Server (V1.1.0.0) *It is required to apply patch files to all the supported software.
Smart Device Access		GV-Eye for iOS and Android
Live Viewing		Internet Explorer, Non-IE browser (Chrome, Edge, Firefox, Safari), Mobile App *The non-IE browsers only support displaying live view with H.264.

Note:

- Do not use clothes or any ordinary material to clean the camera cover since they may result in scratches.
- Specifications are subject to change without notice.

Packing List

- | | | |
|--------------------------------|-------------------------------|------------------|
| 1. IR Vandal Proof Dome | 5. 2-Pin Power Terminal Block | 9. Warranty Card |
| 2. Spare Waterproof Rubber Set | 6. Cable Protection Connector | |
| 3. Screw Kit | 7. Torx Wrench | |
| 4. Drill Template Paster | 8. Download Guide | |

Accessories

Model No.	Name		Details
GV-Mount107 (must be used with GV-Mount212P)	Pendant Bracket		Dimensions: Ø 120 x 334 mm (Ø 4.72 x 13.15") Weight: 0.74 kg (1.63 lb)
GV-Mount211P	Wall Mount and Junction Box		Dimensions: Ø 233 x 125 x 125 mm (Ø 9.2 x 4.9 x 4.9") Weight: 1 kg (2.2 lb)
GV-Mount212P	Wall Box Mount		Dimensions: Ø 126 x 36 mm (Ø 5.0 x 1.4") Weight: 0.22 kg (0.48 lb)
GV-Mount300-2	Convex Corner Mount		Dimensions: 137 x 233 x 160 mm (5.4 x 9.17 x 6.3") Weight: 1.65 kg (3.64 lb)
GV-Mount310-2	Concave Corner Mount		Dimensions: 111.2 x 369.9 x 210 mm (2.6 x 11.4 x 6.6") Weight: 1.65 kg (3.64 lb)
GV-Mount420 (must be used with GV-Mount211P)	Pole Mount Bracket		Dimensions: Ø 120 x 120 x 53.4 mm (Ø 4.7 x 4.7 x 2.1") Steel Strap Diameter: Ø 67 ~ 127 mm (Ø 2.6" ~ 5") Weight: 0.45 kg (0.99 lb)
GV-Mount704 (must be used with GV-Mount107)	Extension Tube		Dimensions: Ø 3.5 x 10 or 20 or 30 or 50 cm (Ø 1.38 x 3.9 or 7.9 or 11.8 or 19.7") Weight: 225g or 360g or 500g or 780g (0.5 lb or 0.79 lb or 1.1 lb or 1.72 lb)
GV-PA191	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.	