VMGB-602

2MP 4x Outdoor Zoom Dome with IR LED 30m, WDR 140dB



- 2 Megapixel, 4x, Zoom Dome
- 1/1.8" Sensor, IR LED 30m, Extreme WDR (140 dB)
- Frame Rate 60fps
- Vandal proof (IK10)

Specifications

Product Profile

Product Type	Zoom Dome
Product Application	Face, People and Car Detection
Application Environment	Indoor
Maximum Resolution	2MP
Description	Dome Camera Built-in Deep learning-based Face Detection, People and Car Detection with f8-32mm lens
Image Sensor	Progressive Scan CMOS
Sensor Size	1/1.8 "
Day / Night	Yes
Low Light Sensitivity	Superior
Mechanical IR Cut Filter	Yes
IR LED	Adaptive IR LED
IR Working Distance	30m

Lens

Focal Length	Zoom, f8.0-32mm
Aperture	F1.6
Zoom Ratio	4x optical zoom

Horizontal Viewing Angle	42.5° - 13.4°
Vertical Viewing Angle	23.4° - 7.7°

Video

Compression	H.265 Adaptive Stream, H.264 (Baseline/ Main/ High profile), MJPEG
Maximum Frame Rate vs. Resolution	60 fps at 1920 x 1080 60 fps at 1280 x 960 60 fps at 1280 x 720 30 fps at 704 x 480 30 fps at 640 x 480
Bit Rate	32Kbps - 16Mbps
Multi-Streaming	Multiple streams
Digital Noise Reduction	3D DNR
Wide Dynamic Range	Extreme WDR (140 dB)
Image Orientation	Rotation (Corridor mode)
Image Enhancement	Defogging, Digital Image Stabilizer (DIS, EIS)
Built-in Analytics	Missing Object Detection, Unattended Object Detection, People Line Crossing Detection, People Enter Area Detection, Face Detection, Vehicle Detection

Audio

Audio Type	2-way, Line-in, Line-out

Video Analytics

Analysis Source Type	Video
Metadata Accuracy	Excellent

Integration

ONVIF Compliant	Yes, Profile S, Profile G

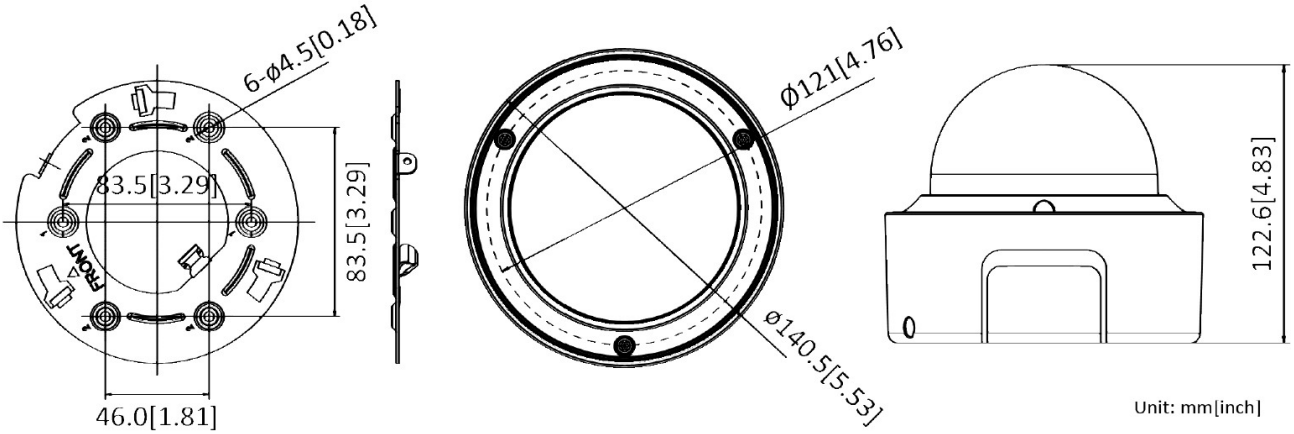
Interface

Serial Port	1 x RS-485
Audio Interface	1/1, 3.5mm Phone Jack
Digital Input/Output	1/1

General

Power Source	DC 12V, PoE Class 3 (IEEE802.3af)
Power Consumption	9.96 W (DC), 12 W (AC), 12 W (PoE)
Weight	948g (2.09lb)
Dimensions	(Ø x H): 140.5mm x 122.6mm (5.5" x 4.8")
Environmental Casing	Vandal proof (IK10)
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)
Warranty	3 Year(s). For extended warranty offering, see http://www.acti.com/support/warranty

Dimension Diagram



Unit: mm [inch]

2026/9/17