

# GS-P646-VD

## 4MP Fixed Mini Dome Network Camera (with Audio, True WDR)



- 1/3" Progressive Scan CMOS
- 2.8 to 12 mm Varifocal lens
- H.265+, H.265, H.264+, H.264
- 120dB WDR
- IP67
- 3-Axis adjustment
- 2560 × 1440@30fps
- Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR
- Three streams
- 2 Behavior analyses, and face detection
- Built-in micro SD/SDHC/SDXC card slot, up to 128 GB

<b>Image Sensor</b>	1/3" Progressive Scan CMOS
<b>Min. Illumination</b>	Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 lux @(F1.6, AGC ON), 0 lux with IR
<b>Shutter Speed</b>	1/3 s to 1/100,000 s
<b>Slow Shutter</b>	Yes
<b>Day &amp; Night</b>	IR Cut Filter
<b>Digital Noise Reduction</b>	3D DNR
<b>WDR</b>	120dB
<b>3-Axis Adjustment</b>	Pan: -30° to +30°, tilt: 0° to 75°, rotate: 0° to 360°
<b>Focal Length</b>	2.8mm
<b>Aperture</b>	F1.6
<b>FOV</b>	2.8 mm, Horizontal eld of view: 98°, Vertical eld of view: 55°, Diagonal eld of view: 114°
<b>Lens Mount</b>	M12
<b>IR Range</b>	Up to 10 m
<b>Wavelength</b>	850nm
<b>Video Compression</b>	Main stream: H.265/H.264 Sub stream: H.265/H.264/MJPEG Third stream: H.265/H.264
<b>H.264 Type</b>	Main Profile/High Profile
<b>H.264+</b>	Main stream supports
<b>H.265 Type</b>	Main Profile
<b>H.265+</b>	Main stream supports
<b>Video Bit Rate</b>	256 Kbps to 16 Mbps
<b>Audio Compression</b>	G722.1/G711ulaw/G711alaw/G726/MP2L2/PCM
<b>Audio Bit Rate</b>	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)
<b>Behavior Analysis</b>	Line crossing detection, intrusion detection
<b>Face Detection</b>	Yes
<b>Region of Interest</b>	Support 1 Fixed region for main stream and sub-stream separately
<b>Max. Resolution</b>	2688 × 1520
<b>Main Stream</b>	50Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080) 60Hz: 30fps (2688 × 1520, 2304 × 1296, 1920 × 1080)
<b>Sub Stream</b>	50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
<b>Third Stream</b>	50Hz: 25fps (1280 × 720, 640 × 360, 352 × 288) 60Hz: 30fps (1280 × 720, 640 × 360, 352 × 240)

<b>Image Settings</b>	Rotate mode, saturation, brightness, contrast, sharpness adjustable by client software or web browser
<b>Image Enhancement</b>	BLC/3D DNR/HLC
<b>Day/Night Switch</b>	Auto/Schedule/Day/Night/Triggered by Alarm In
<b>Network Storage</b>	Support MicroSD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR
<b>Alarm Trigger</b>	Motion detection, video tampering, network disconnected, IP address conflict, HDD full, HDD error, illegal login
<b>Protocols</b>	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP™, SMTP, SNMP, IGMP, QoS, IPv6
<b>General Function</b>	One-key reset, anti-licker, three streams, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
<b>API</b>	ONVIF (PROFILE S, PROFILE G), ISAPI
<b>Simultaneous Live View</b>	Up to 6 channels
<b>User/Host</b>	Up to 32 users 3 levels: Administrator, Operator and User
<b>Client</b>	iVMS-4200, Hik-Connect, iVMS-5200, iVMS-4500
<b>Web Browser</b>	IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+
<b>Audio</b>	2 Inputs: line in (3.5 mm) or mic in (built-in microphone), 1 Output: line out (3.5 mm), mono sound
<b>Alarm</b>	1 Input: Alarm in (3.5mm), 1 Output: Alarm out (3.5mm) (max. 12 VDC, 30 mA)
<b>Communication Interface</b>	1 RJ45 10M/100M self-adaptive Ethernet port
<b>On-board storage</b>	Built-in Micro SD/SDHC/SDXC slot, up to 128G
<b>SVC</b>	Support H.264 and H.265 encoding
<b>Environment Noise Filtering</b>	YES
<b>Audio Sampling Rate</b>	16 kHz, 32kHz, 44.1kHz, 48kHz
<b>Operating Conditions</b>	-30 °C to +60 °C (-22 °F to +140 °F), Humidity 95% or less (non-condensing)
<b>Power Supply</b>	12 VDC ± 25%, PoE (802.3af, class 3)
<b>Power Consumption and Current</b>	12 VDC, 0.7A, max. 8.5W, 5.5mm coaxial plug power PoE (802.3af, 36V to 57V), 0.3 A to 0.1 A, max. 10W
<b>Protection Level</b>	IK08, IP66
<b>Material</b>	Front cover: plastic, Bottom base: metal
<b>Dimensions</b>	Φ110 mm × 56.4 mm (Φ4.3" × 2.2")
<b>Weight</b>	Camera: Approx. 400 g (0.9 lb.)