



8MP IP FIXED TURRET CAMERA

Key Specifications:

- + 8MP IP turret camera
- + 2.8mm fixed lens
- + 1/2.7" CMOS sensor
- + 112.9 degrees Field of View
- + 98 feet Smart IR Distance
- + MicroSD card slot - up to 256GB
- + Built-in mic
- + 0.01 low-light Lux rating
- + 120dB True WDR
- + ONVIF (Profile S, Profile G, Profile T), API, SDK
- + ANR,NAS(NFS) Network Storage
- + IP67 rating - withstands temps from -22 degrees to 140 degrees Fahrenheit
- + NDA compliant

8MP Fixed Turret Security Camera, delivers crisp video day or night.

This product has been specifically designed and manufactured to comply with the latest technical requirements specified under NDA regulations. [Click here to learn more.](#)

- + **Multi-Megapixel Resolution Video** - 8MP camera captures a high level of clarity and detail for most applications
- + **3D Digital Noise Reduction (DNR)** effectively filters noise to produce a crisp, clear video stream.
- + **IP67 weatherproof housing** this turret camera has a wide temperature range of -22 degrees to 140 degrees Fahrenheit - delivering long-term durability even among extreme weather conditions such as rain, snow, and ice.
- + **Multi-megapixel resolution** - Get more detail from your video camera. This camera captures multi-megapixel resolution video footage that delivers crisp, precise detail and clarity for your video security needs.
- + **Full-frame illumination with Smart IR** - Smart full-frame illumination technology offers several advantages over standard IR for flawless night vision.
- + **Innovative Day/Night Scene Detection** - includes a hardware sensor for smart software imaging that detects surveillance scene illumination. Designed to be water and dust-proof, this allows you to avoid unexpected costs of hardware failure.
- + **HTML5 Plugin-Free** - use on almost any Browser for support:
- + **Ultra H.265 Compression** - reduce bandwidth and storage requirements. With Ultra H.265 compression technology, you can store more information using less hard drive space. Ultra H.265 also helps you minimize bandwidth requirements for high-resolution video and makes the remote viewing less demanding on the recorder.
- + **Intuitive interface** - everything you need to manage your system at your fingertips. With an intuitive interface, along with access to the free Vigilant Mobile App and Vigilant CMS, system management has never been simpler.

SPECIFICATIONS

CAMERA

Sensor	1/2.7", 8.0 megapixel, progressive scan, CMOS
Min. Illumination	Colour: 0.01 lux (F1.6, AGC ON)
OLux with IR on	
Day/Night	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, 1 - 1/100000s
Adjustment angle	Pan: 0° - 360° Tilt: 0° - 75° Rotate: 0° - 360°
S/N	>56dB
WDR	120dB

LENS

Lens Type	2.8mm@1.6, Fixed-focal
Field of View (H)	112.9°
Field of View (V)	59.1°
Field of View (D)	121.2°

DORI DISTANCE

Lens (mm)	2.8
Detect (m)	63.0
Observe (m)	25.2
Recognize (m)	12.6
Identify (m)	6.3

ILLUMINATOR

IR Range	Up to 30m (98ft) IR range
Wavelength	850nm
IR On/Off Control	Auto/Manual

VIDEO

Video Compression	H.265, H.264, MJPEG
H.264 code profile	Baseline profile, Main profile, High profile
Frame Rate	Main Stream: 8MP (3840*2160)@15fps ; 5MP (2880*1620)@25/20fps ; 4MP (2560*1440)@25/20fps; 3MP (2304*1296)@30/25fps; 2MP (1920*1080)@30/25fps Sub Stream: 720P (1280*720)@30/25fps; D1 (720*576), Max 30fps; 640*360, Max 30fps;
Video Bit Rate	128 Kbps-16384 kbps
Smart Encoding	Supported
OSD	Up to 4 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 8 areas
Motion Detection	Up to 4 areas

IMAGE

White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2
Image Setting	Image rotation, brightness, saturation, contrast, sharpness, gain adjustable by web browser
Digital noise reduction	2D/3D DNR
Smart IR	Support
Flip	Normal/Vertical/Horizontal/180°/90° Clockwise/90°Anti-clockwise
Dewarping	N/A
HLC	Supported
BLC	Supported
Defog	Digital Defog

EVENTS

Behavior Detection	Cross line, intrusion(based on human body detection) Motion detection, tampering alarm, audio detection
General Function	Watermark, IP address filtering, access policy, ARP protection, RTSP authentication, user authentication

AUDIO

Audio Compression	G.711A,G.711U
Suppression	Supported
Sampling Rate	8KHZ

STORAGE

Edge Storage	Micro SD, up to 256GB
Network Storage	NAS(NFS)

NETWORK

Protocols	IPV4, IPV6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP,SSL, TLS, SSH
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API , SDK
User/Host	Up to 32 users. 2 user levels: administrator and common user
Security	Password protection, Strong password, HTTPS encryption, Export operation logs, Basic and digest authentication for RTSP, Digest authentication for HTTP, TLS 1.2, WSSE and digest authentication for ONVIF
Web Browser	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+

SPECIFICATIONS

INTERFACE

Audio I/O	N/A
Alarm I/O	N/A
RS485	N/A
Built-in Mic	Support
Built-in Speaker	N/A
WIFI	N/A
Network	1 RJ45 10M/100M Base-TX Ethernet
Video Output	N/A

CERTIFICATION

EMC	CE-EMC (EN 55032: 2015+A1:2020, EN 61000-3-3: 2013+A1: 2019, EN IEC 61000-3-2: 2019+A1: 2021, EN 55035: 2017+A11:2020) FCC (FCC CFR 47 part15 B, ANSI C63.4-2014)
Safety	CE LVD (EN 62368-1:2014+A11:2017) CB (IEC 62368-1:2014) UL (UL 62368-1, 2nd Ed., Issue Date: 2014-12-01)
Environment	CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)
Protection	IP67 (IEC 60529:1989+AMD1:1999+AMD2:2013)

GENERAL

Power	DC 12V±25%, PoE (IEEE 802.3af) Power consumption: Max 4.0W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions (Ø x H)	Ø118 x 95mm (Ø4.6" x 3.8")
Weight	0.29kg (0.63lb)
Material	Metal + Plastic
Working Environment	-30°C - 60°C (-22°F - 140°F), Humidity: ≤95% RH (non-condensing)
Storage Environment	-30°C - 60°C (-22°F - 140°F), Humidity: ≤95% RH (non-condensing)
Surge Protection	4KV
Reset Button	N/A

DIMENSIONS

