SUPER|CIRCUITS

NDAA PRODUCT TECHNICAL REQUIREMENTS

Powered by MStar™ chipsets that meet federal government technical requirements

6MP STARLIGHT IP FIXED DOME CAMERA

Key Specifications:

+ 6MP IP Dome Camera
+ 2.8mm fixed lens with 96 degrees Field of View
+ 98 feet Smart IR Distance
+ Starlight chipset (.003 lux) for color in low light
+ 1/1 Alarm in/out; 1/1 audio in/out
+ 3D Digital Noise Reduction (DNR)
+ True Wide Dynamic Range (WDR)
+ MicroSD card slot – up to 256GB
+ IP67 weather resistant rating
+ IK10 vandal resistant housing design
+ NDAA compliant

The Alibi Vigilant Performance Series 6MP security camera delivers high-resolution, has been specifically designed and manufactured to comply with the latest technical requirements specified under NDAA regulations.

+ **Multi-megapixel resolution** – get more detail from your video camera – 6MP camera captures crisp, high definition video at day and night. This camera captures multi-megapixel resolution video footage that delivers crisp, clear detail and clarity for your video security needs.

+ **Capture Color Video in Low Light Conditions** – Starlight technology chipset uses ambient light sources to capture color videos in extreme low light conditions.

+ **Full Frame Illumination with Smart IR** – Smart full-frame illumination technology offers several advantages over standard IR for flawless night vision

+ **IP67 Rated for Superior Outdoor Performance** – With an IP67 weather-rated metal enclosure, this camera has a wide temperature range of -22 degrees to 140 degrees Fahreneheit – offering long-term durability even among extreme weather conditions such as rain, snow, and ice.

+ **3D Digital Noise Reduction (DNR)** effectively filters noise to produce a more crisp, clear video stream.

+ **IK10** vandalproof rating for tamper-proof installation

SPECIFICATIONS

CAMERA

Sensor	1/2.7", 6.0 megapixel, progressive scan, CMOS
Lens	2.8mm@F1.6
Angle of View (H)	96.1°
Angle of View (V)	55.3°
Angle of View (O)	111.1°
Adjustment angle	Pan: 3° ~ 360° Tilt: 0° ~ 68° Rotate: 3° ~ 360°
Shutter	Auto/Manual, 1 ~ 1/100000s
Minimum Illumination	Colour:0.003 Lux (F1.6, AGC ON) 0Lux with IR
Day/Night	IR-cut filter with auto switch (ICR)
Digital Noise Reduction	2D/3D DNR
S/N	>56dB
IR Range	Up to 30m (98ft) IR range
Wavelength	850nm
IR On/Off Control	Auto/Manual
Defog	Digital Defog
WDR	120dB

VIDEO

Video Compression	Ultra 265, H.265, H.264, MJPEG
H.264 code profile	Baseline profile, Main profile, High profile
Frame Rate	Main Stream: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) , 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720); Sub Stream: 25fps (1280 × 720, 640 × 360, 352 × 288), 30fps (1280 × 720, 640 × 360, 352 × 240); Third Stream: 25fps (640 × 480, 640 × 360, 320 × 240), 30fps (640 × 480, 640 × 360, 320 × 240).
Video Bit Rate	128 Kbps-16 Mbps
OSD	Up to 8 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
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

AUDIO

Audio Compression	G.711
Two-way audio	Supported
Suppression	Supported
Sampling Rate	8KHZ

STORAGE

Edge Storage	Micro SD, up to 256GB
Network Storage	ANR

EVENTS

Basic Detection	Motion detection, tampering alarm, audio detection
General Function	Watermark, IP address filtering, tampering alarm, alarm input, alarm output, access Policy, ARP protection, RTSP authentication, user authentication

NETWORK

Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API
Client	Guard Station CMS Guard Tools Software Guard Viewer Mobile
Web Browser	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below Plug-in free live view: Chorme 57.0+, Firefox 58.0+, Edge 16+, Safari 11+

INTERFACE

Audio I/O	Input: impedance 35kΩ; amplitude 2V [p-p] Output: impedance 600Ω; amplitude 2V [p-p]
Alarm I/O	I/O
Network	1 RJ45 10M/100M Base-TX Ethernet

CERTIFICATIONS

Certifications	CE: EN 60950-1 UL: UL60950-1 FCC: FCC Part 15

SPECIFICATIONS

GENERAL

Power	DC 12V±25%, PoE (IEEE 802.3af) Power consumption: Max 4.5W
Dimensions (Ø x H)	Ø4.3″ x 3.2″ (Ø108.7 x 81.1mm)
Net Weight	0.425kg (0.93lb)
Material	Metal + Plastic
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Strorage Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Surge Protection	2KV
Ingress Protection	IP67
Vandal Resistant	IK10
Reset Button	N/A

DIMENSIONS