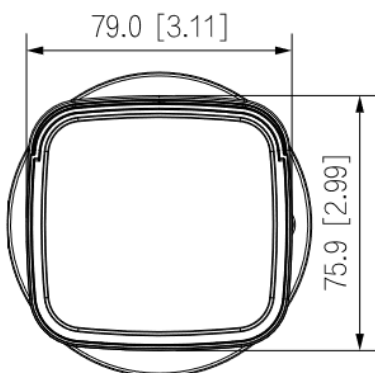
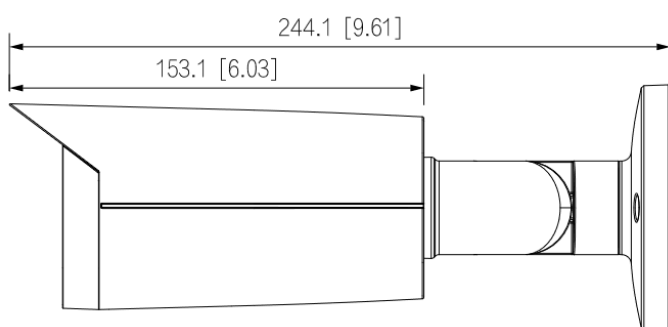




Telecamera IP Bullet

Camera IP Bullet STARLIGHT 5 Mp da esterno/interno IP67 con analisi video integrata, Deterrenza Attiva con luci bianche e sirena, sensore CMOS progressivo 1/2.7", H265+/H264, ICR meccanico, risoluzione 5Mp con 20Fps, ottica 2,8mm, luminosità 0.005 Lux f1.6 (0 Lux con IR on), led IR portata fino a 60mt, funzione Smart Motion Detection e Perimeter Protection, Conteggio Persone, porta LAN 10/100, 1 ingresso e 1 uscita di allarme, 1 ingresso e 1 uscita audio, altoparlante incorporato, 1 slot per MicroSD (max 256Gb) per backup, privacy mask 4 aree, 3D, WDR, alimentazione 12Vdc, o PoE <8.5W, compatibile ONVIF, in dotazione staffa di fissaggio. (244.1mm×79.0mm×75.9mm)

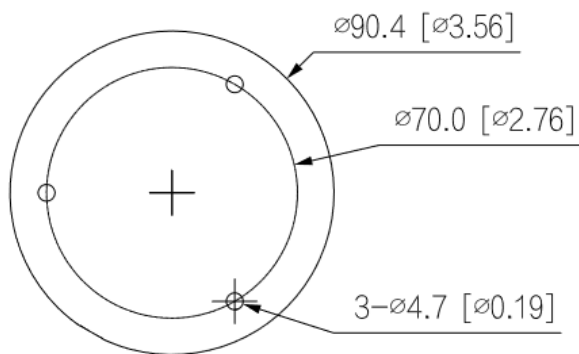
PIXVIDEO



CARATTERISTICHE TECNICHE

Technical Specification

Model	NBF513SDET
Camera	
Image Sensor	1/2.7" CMOS
Max. Resolution	2592 (H) × 1944 (V)
ROM	128 MB
RAM	512 MB
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/3 s–1/100,000 s
Min. Illumination	0.005 lux@F1.6 (Color, 30 IRE)
	0.0005 lux@F1.6 (B/W, 30 IRE)
	0 lux (Illuminator on)
S/N Ratio	> 56 dB
Illumination Distance	2.8 mm: 30 m (98.43 ft) (IR)
	3.6 mm: 30 m (98.43 ft) (IR)
	6 mm: 50 m (164.04 ft) (IR)
	8 mm: 60 m (196.85 ft) (IR)
Illuminator On/Off Control	Auto; Manual
Illuminator Number	2 (IR LED)
	1 (Warm light)
Pan/Tilt/Rotation Range	Pan: 0°–360°
	Tilt: 0°–90°
	Rotation: 0°–360°
Lens	
Lens Type	Fixed-focal
Lens Mount	M12
Focal Length	2.8 mm; 3.6 mm; 6 mm; 8 mm
Max. Aperture	F1.6
Field of View	2.8 mm: Horizontal: 102°; Vertical: 71°; Diagonal: 131°
	3.6 mm: Horizontal: 84°; Vertical: 58°; Diagonal: 110°
	6 mm: Horizontal: 51°; Vertical: 37°; Diagonal: 63°
	8 mm: Horizontal: 38°; Vertical: 28°; Diagonal: 48°
Iris Control	Fixed
Close Focus Distance	2.8 mm: 0.9 m (2.95 ft)
	3.6 mm: 1.6 m (5.25 ft)
	6 mm: 3.1 m (10.17 ft)
	8 mm: 4.5 m (14.76 ft)
Smart Event	
IVS	Abandoned object; missing object
Heat Map	Yes
Professional, intelligent	
IVS (Perimeter Protection)	Intrusion, tripwire, fast moving (the three functions support the classification and accurate detection of vehicle and human); loitering detection, people gathering, and parking detection
SMD 3.0	Less false alarm, longer detection distance
People Counting	Tripwire people counting, generating and exporting report (day/month); people counting in area; queue management; 4 rules can be set for tripwire, people counting in area and queue management.
Smart Search	Work together with Smart NVR to perform refine intelligent search, event extraction and merging to event videos



Video	
Video Compression	H.265; H.264; H.264H; H.264B; MJPEG (Only supported by the sub stream)
Smart Codec	Smart H.265+; Smart H.264+
AI Coding	AI H.265; AI H.264
Video Frame Rate	Main stream: 2592 × 1944 (1–20 fps) Sub stream: D1 (1–25/30 fps) Third stream: 1080p (1–25/30 fps) *The values above are the max. frame rates of each stream; for multiple streams, the values will be subjected to the total encoding capacity.
Stream Capability	3 streams
Resolution	2592 × 1944; 2688 × 1520; 2304 × 1296; 1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 × 480); CIF (352 × 288/352 × 240)
Bit Rate Control	CBR/VBR
Video Bit Rate	H.264: 3 kbps–20480 kbps H.265: 3 kbps–20480 kbps
Day/Night	Auto (ICR)/Color/B/W
BLC	Yes
HLC	Yes
WDR	120 dB
Scene Self-adaptation (SSA)	Yes
White Balance	Auto; natural; street lamp; outdoor; manual; regional custom
Gain Control	Auto; Manual
Noise Reduction	3D NR
Motion Detection	OFF/ON (4 areas, rectangular)
Region of Interest (Rol)	Yes (4 areas)
Defog	Yes
Image Rotation	0°/90°/180°/270° (Support 90°/270° with 4M resolution and lower)
Mirror	Yes
Privacy Masking	8 areas
Audio	
Audio Compression	PCM; G.711a; G.711Mu; G.726; G.723
Alarm	
Alarm Event	No SD card; SD card full; SD card error; network disconnection; IP conflict; illegal access; motion detection; video tampering; tripwire; intrusion; fast moving; abandoned object; missing object; loitering detection; people gathering; parking detection; scene changing; audio detection; external alarm; SMD; people counting in area; stay detection; people counting; security exception
Network	
Network Port	RJ-45 (10/100 Base-T)
SDK and API	Yes
Cyber Security	Video encryption; firmware encryption; configuration encryption; Digest; WSSE; account lockout; security logs; IP/MAC filtering; generation and importing of X.509 certification; syslog; HTTPS; 802.1x; trusted boot; trusted execution; trusted upgrade
Network Protocol	IPv4; IPv6; HTTP; HTTPS; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; SAMBA; PPPoE; 802.1x; SNMP
Interoperability	ONVIF (Profile S/Profile G/Profile T); CGI; Milestone; P2P
User/Host	20 (Total bandwidth: 80 M)

Storage	FTP; SFTP; Micro SD card (support max. 256 GB); NAS
Browser	IE: IE 8 and later Chrome Firefox
Management Software	Smart PSS; DSS; DMSS
Mobile Client	iOS; Android
Certification	
Certifications	CE-LVD: EN60950-1; CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU; FCC: 47 CFR FCC Part 15, Subpart B; UL/CUL: UL60950-1 CAN/CSA C22.2 No.60950-1-07
Port	
Audio Input	1 channel (RCA port)
Audio Output	1 channel (RCA port)
Alarm Input	1 channel in: 5 mA 3V–5 VDC
Alarm Output	1 channel out: 300 mA 12 VDC
Power	
Power Supply	12 VDC/PoE (802.3af)
Power Consumption	Basic: 1.8 W (12 VDC); 2.4 W (PoE) Max. (H.265 + three streams + intelligence on + IR on + warm light + max. speaker volume): 7.1 W (12 VDC); 8.3 W (PoE)
Environment	
Operating Temperature	–40 °C to +60 °C (–40 °F to +140 °F)
Operating Humidity	≤ 95%
Storage Temperature	–40 °C to +60 °C (–40 °F to +140 °F)
Protection	IP67; IK10
Structure	
Casing	Metal + plastic
Product Dimensions	244.1 mm × 79.0 mm × 75.9 mm (9.61" × 3.11" × 2.99")
Net Weight	815 g (1.80lb)
Gross Weight	1080 g (2.38lb)

DORI Distance

	Lens	Detect	Observe	Recognize	Identify
DORI Distance	2.8 mm	56 m (183.73 ft)	22.4 m (73.49 ft)	11.2 m (36.75 ft)	5.6 m (18.37 ft)
	3.6 mm	80 m (262.47 ft)	32 m (104.99 ft)	16 m (52.49 ft)	8 m (26.25 ft)
	6 mm	120 m (393.70 ft)	48 m (157.48 ft)	24 m (78.74 ft)	12 m (39.37 ft)
	6 mm	160 m (524.93 ft)	64 m (209.97 ft)	80 m (104.99 ft)	40 m (52.49 ft)