

BLS-50VDF-IR28 5MP Fixed IR Dome Camera



Features:

- 1/2.8" progressive scan CMOS
- Max. 5MP(2560×1920) @25fps resolution
- 2.8mm fixed lens
- True WDR, 3D DNR, ROI, HLC, BLC, Defog
- Smart IR up to 30m/98.4ft
- Built-in micro SD slot, up to 256GB
- IP67, IK10, PoE

Smart Function:

- Supports face, human, vehicle detection and capture

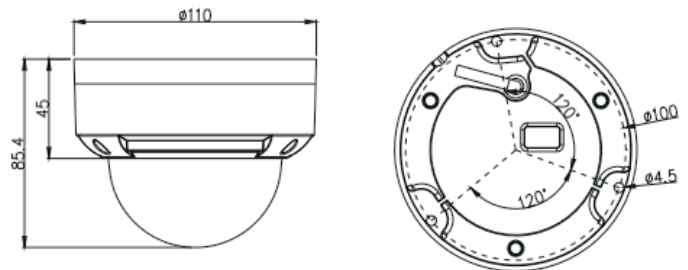
Intelligent Detection:

- Fenced area
- Single virtual fence
- Double virtual fences
- Loiter
- People counting

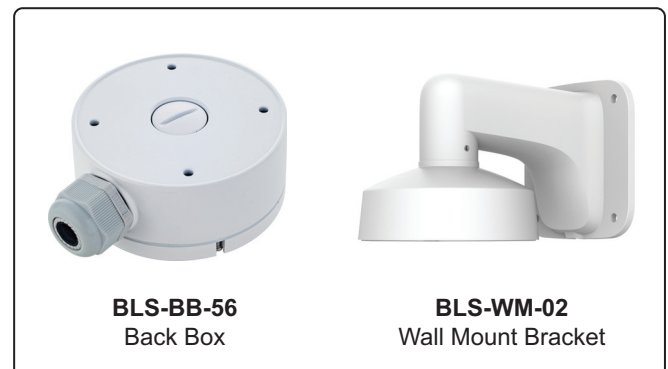
Note:

WatchNET NDA Cameras work only with Blue Series Network Video Recorders

Dimensions (mm)



Optional Accessories:



Specifications

Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Effective Pixels	2560(H)×1920(V)
Electronic Shutter	Auto/Manual, 1/5 ~ 1/20,000s
Min. illumination	Color: 0.05 Lux @ (F1.2, AGC ON), B/W: 0 Lux @ (IR LED ON)
S/N Ratio	55dB
Day/Night	Auto(ICR)
Wide Dynamic Range	True WDR
IR Range	Up to 30m (98.4ft)
IR On/Off Control	Auto/Manual
Pan/Tilt/Rotation Range	Pan: 0° ~ 350°, Tilt: 0° ~ 75°, Rotation: ±90°
Lens	
Lens Type	Fixed focus
Iris	Fixed Iris
Focal Length	2.8mm
F Number	F2.0
Angle of View	H: 97.4°, V: 72.5°
Video	
Max. Resolution	5MP (2560×1920)
Streaming Capability	3 Streams
Stream/Frame Rate	Stream1: 2560×1920, 2048×1536, 1280×960 @ 25fps Stream2: D1, VGA, 640×360, CIF, QVGA @ 25/30fps Stream3: VGA, CIF, QVGA @25/30fps
Bit Rate Control	CBR/VBR
Bit Rate	Stream1: 100kbps~16Mbps Stream2: 10kbps~6Mbps Stream3: 10kbps~3Mbps
Image Enhancement	HLC / BLC / Defog / WDR
White Balance	Auto
Gain Control	Auto/Manual
Noise Reduction	2D/3D DNR
Aisle Mode	Support
Smart IR	Support
Mirror	Support
Region of Interest	Off/On (8 Zone, Rectangle)
Motion Detection	Support
Privacy Masking	Support

Smart Function	
Smart Function	Support face, human, vehicle detection and capture
Intelligent Detection	Fenced Area detection, Single Virtual Fence, Double Virtual Fences, Loiter, People Counting
Network	
Protocols	IPv4/IPv6, 802.1x, HTTP, HTTPS, TCP/IP, UDP/IP, RTSP, DHCP, NTP, RTCP/RTP, PPPoE, SMTP, DNS, UPnP, FTP, ARP, SNMP, TLS/SSL
Interoperability	ONVIF, SDK, CGI
Streaming Method	Unicast
Max. User Access	10 Users
Web Viewer	<IE11, Chrome, Firefox, Microsoft Edge
Interface	
Ethernet	1 Ethernet (10/100 Base-T) RJ-45 Connector
Reset Button	Support
Storage	Built-in Micro SD slot, up to 256GB
Electrical	
Power Supply	DC12V/POE (IEEE 802.3af)
Power Consumption	Max 5.5 W
Operating Temperature	-40°C ~ 55°C (-40°F ~ 131°F)
Operating Humidity	Less than 90% RH
Ingress Protection	IP67, IK10
Certifications	CE/FCC
Casing	Metal
Dimensions	φ110 × 85.4mm (φ4.33" × 3.36")
Net Weight	0.42kg (0.93lb)

* All product names, logos and brands are property of their respective owners. All company products and service names used on this brochure are for identification purposes only. Use of these names, logos and brands does not imply endorsement. 2021 WatchNET Inc. © All Rights Reserved
All product specifications are subject to change without notice.

CANADA:
351 Ferrier Street, Unit 5
Markham, ON L3R 5Z2
Toll Free: 1-866-843-6865
Tel: 416-410-6865

USA:
171 Cooper Ave. Suite 110
Tonawanda, NY 14150 USA
Toll Free: 1-866-843-6865
Local: 1-716-877-7277

UAE:
P O Box 126312
No 703, Oxford Towers
Business Bay, Dubai, UAE
Tel: +971 4 2767117

Sept. 22, 2021

www.watchnetinc.com
info@watchnetinc.com