WatchNET®
Security Since 2000

NDAA Compliant

BLUE

Cameras — Quick Reference Chart

Model	BLS-50BIR28	BLS-50IRBFT28	BLS-50VDF-IR28	BLS-50VDV-IRM	BLS-20IRPTZAI25X	BLS-50IRPTZAI30X
Product Image						
Lens Focal Length	2.8mm fixed lens	2.8mm fixed lens	2.8mm fixed lens	2.7~13.5mm motorized lens	5~125mm	5.3~159mm
Min. Scene Illumination (Color/BW)	0.05 Lux/0 Lux	0.05 Lux/0 Lux	0.05 Lux/0 Lux	0.05 Lux/0 Lux	0.05 Lux B/W: 0.001 Lux, 0 Lux (IR LED ON)	0.07 Lux / 0 Lux (IR LED ON)
Built-in Infrared Illuminator	30m / 98.4ft	30m / 98.4ft	30m / 98.4ft	30m / 98.4ft	150m/492.1ft	150m/492.1ft
MIC	NO	Built-in 1 CH microphone	NO	NO	Audio: 1ch Input, 1ch Output	Audio: 1ch Input, 1ch Output
Wide Dynamic Range	Yes	Yes	Yes	Yes	Yes	Yes
Max. Resolution	5MP	5MP	5MP	5MP	2MP	5MP
Micro SD Memory Card Slot	256GB max	256GB max	256GB max	256GB max	256GB max	256GB max
External Power Supported	DC 12V/POE / <8.5W	DC 12V/POE / <6W	DC 12V/POE / <5.5W	DC 12V/POE / <8.5W	AC24V/POE+ / <24W	AC24V/POE+ / <24W
Weather/Vandal Rating	IP67	IP66	IP67/IK10	IP67/IK10	IP66	IP66
Operating Temperature	-40°C ~ 55°C (-40°F ~ 131°F)	-40°C ~ 55°C (-40°F ~ 131°F)	-40°C ~ 55°C (-40°F ~ 131°F)	-40°C ~ 55°C (-40°F ~ 131°F)	-40°C ~ 55°C (-40°F ~ 131°F)	-40°C ~ 55°C (-40°F ~ 131°F)
Certifications	CE/FCC	CE/FCC	CE/FCC	CE/FCC	CE/FCC	CE/FCC
Back Box	BLS-BB-BUL1	BLS-BB-46	BLS-BB-56	BLS-BB-57	N/A	N/A
Wall Mount	N/A	BLS-WM-03	BLS-WM-02	BLS-WM-01	Included	Included
Pendant Mount	N/A	N/A	N/A	N/A	N/A	N/A
Casing	Metal	Metal	Metal	Metal	Metal	Metal

Intelligent Detection:
- Fenced area
- Single virtual fence
- Double virtual fences
- Loitering
- People counting

Smart Function:
- Supports face, human, vehicle detection and capture

Note:
Watch*NET* NDAA Cameras work only with Blue Series Network Video Recorders

CE FC
ONVIF

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Network Recorders Quick Reference Chart

Model	BLS-NVR8POE	BLS-NVR16POE	BLS-NVR32AI
Product Image			
IP Camera Inputs	Up to 8CH	Up to 16CH	Up to 32CH
Recording Resolution	Up to 8MP	Up to 8MP	Up to 8MP
Built-in PoE Ports	8	16	N/A
Max. SATA Drive Supported	2 SATA hard disk up to 12TB each	2 SATA hard disk up to 12TB each	4 SATA hard disk up to 16TB each
Audio Input	1	1	1
Audio Output	1	1	1
Alarm Input	8CH	8CH	16CH
Alarm Output	1CH	2CH	2CH
I/O Bandwidth	56 Mbps / 56 Mbps	112 Mbps / 112 Mbps	320 Mbps / 320 Mbps
Multi-screen Display	1/4/8/9	1/4/8/9/16	1st Screen: 1/4/8/9/16/32/36 2nd Screen: 1/4/8/9/16
Sync Playback	9/4/1	16/9/4/1	16/9/4/1
Network Interface	1 RJ-45 port (10/100/1000 Mbps)	1 RJ-45 port (10/100/1000 Mbps)	2 RJ-45 port (10/100/1000 Mbps)
Recording Resolution	8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc.	8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc.	8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc.
USB	3 ports (USB 2.0 ×3)	3 ports (USB 2.0 ×3)	Front panel: 2 x USB 2.0, Rear panel: 1 x USB 3.0
Power Supply	AC100 ~ 240V	AC100 ~ 240V	AC100 ~ 240V
Power Consumption	< 15 W (without HDD)	< 15 W (without HDD)	< 15 W (without HDD)
Operating Temperature	-10°C ~ 50°C (14°F ~ 122°F)	-10°C ~ 50°C (14°F ~ 122°F)	-10°C ~ 50°C (14°F ~ 122°F)
Certifications	CE/FCC	CE/FCC	CE/FCC

HDMI · VGA · SATA · PoE · Intrusion · Motion Detection

Intelligent analysis by NVR:

• Intrusion (support the accurate detection of vehicle and human)

Note:
Watch*NET* NDAA Network Video Recorders work only with Blue Series Cameras

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Camera Brackets

Quick Reference Chart

Model	BLS-WM-01 (For Varifocal Dome)		BLS-WM-02 (For Fixed Dome)		BLS-WM-03 (For Fixed Turret)	
Product Image						
Material	Aluminum alloy + Plastic		Aluminum alloy + Plastic		Aluminum alloy + Plastic	
Color	White		White		White	
Operating Humidity	0% - 90% RH		0% - 90% RH		0% - 90% RH	
Load Bearing	3kg (6.61lb)		3kg (6.61lb)		3kg (6.61lb)	
Product Dimensions	φ122.8 × 68mm φ4.83 × 2.68"	141×116.2×116.2mm 5.55 × 4.57× 4.57"	φ109.8 × 65mm φ4.32 × 2.56"	141×116.2×116.2mm 5.55 × 4.57× 4.57"	φ118 × 68mm φ4.65 × 2.6”	141×116.2×116.2mm 5.55 × 4.57× 4.57"
Product Weight	0.17kg (0.37lb)	0.25kg (0.55lb)	0.13kg (0.29lb)	0.25kg (0.55lb)	0.17kg (0.37lb)	0.25kg (0.55lb)

Model	BLS-BB-46 (For Fixed Turret)	BLS-BB-56 (For Fixed Dome)	BLS-BB-57 (For Varifocal Dome)	BLS-BB-BUL1 (For Bullet Camera)
Product Image				
Material	Aluminum alloy + Plastic	Aluminum alloy + Plastic	Aluminum alloy + Plastic	Aluminum alloy + Plastic
Color	White	White	White	White
Operating Humidity	0% - 90% RH	0% - 90% RH	0% - 90% RH	0% - 90% RH
Load Bearing	3kg (6.61lb)	3kg (6.61lb)	3kg (6.61lb)	3kg (6.61lb)
Product Dimensions	φ107 × 46mm / φ4.21 × 1.81"	φ110 × 37.3mm / φ4.33 × 1.47"	φ122.9 × 42mm / φ4.84 × 1.65"	φ110 × 48mm / φ4.33 × 1.89"
Product Weight	0.34kg (0.75 lb)	0.21kg (0.46lb)	0.24kg (0.53 lb)	0.3kg (0.66lb)

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