See every detail.
Day and night.

Professional IP cameras and network video recorders for security distributors — turret, bullet and mini dome, 5MP to 12MP, with two-way audio on every camera.



PRODUCT CATALOG · 2027

IP Cameras & NVRs

NDAA 889 · ONVIF S/T/G · Two-way audio

Every Orivue camera ships with a built-in microphone and speaker, a MicroSD slot, PoE and ONVIF Profile S / T / G. Choose dual light for everyday coverage, or full color with a 1/1.8" sensor for color video after dark.

6MP DUAL LIGHT



OV-NG6TS1-DA28

6MP Dual-Light Compact Turret

Dual Light · Two-Way Audio · PoE · MicroSD · Smart Analytics · ONVIF

Resolution	3072 × 2048 @ 30 fps
Image sensor	1/2.7" progressive CMOS
Night vision	IR + warm white dual light
Lens	2.8 mm fixed
Housing	Compact Turret, Ø4.41 × 3.62 in (Ø112 × 92 mm)

8MP DUAL LIGHT



OV-NG8TS1-DA28

8MP Dual-Light Compact Turret

Dual Light · Two-Way Audio · PoE · MicroSD · Smart Analytics · ONVIF

Resolution	3840 × 2160 @ 25 fps
Image sensor	1/2.7" progressive CMOS
Night vision	IR + warm white dual light
Lens	2.8 mm fixed
Housing	Compact Turret, Ø4.41 × 3.62 in (Ø112 × 92 mm)

5MP FULL COLOR



OV-XL5TM1-CA28

5MP Full-Color Turret

Full Color · Two-Way Audio · PoE · MicroSD · Smart Analytics · ONVIF

Resolution	2880 × 1620
Image sensor	1/1.8" progressive CMOS
Night vision	Full color, warm white light
Lens	2.8 mm fixed
Housing	Turret, Ø4.76 × 3.94 in (Ø121 × 100 mm)

8MP DUAL LIGHT



OV-MG8TM1-DA28

8MP Dual-Light Turret

Dual Light · Two-Way Audio · PoE · MicroSD · Smart Analytics · ONVIF

Resolution	3840 × 2160 @ 30 fps
Image sensor	1/2.7" progressive CMOS
Night vision	IR + warm white dual light
Lens	2.8 mm fixed
Housing	Turret, Ø4.76 × 3.94 in (Ø121 × 100 mm)

12MP DUAL LIGHT



OV-MG12TM1-DA28

12MP Dual-Light Turret

Dual Light · Two-Way Audio · PoE · MicroSD · Smart Analytics · ONVIF

Resolution	12MP @ 20 fps
Image sensor	1/2.7" progressive CMOS
Night vision	IR + warm white dual light
Lens	2.8 mm fixed
Housing	Turret, Ø4.76 × 3.94 in (Ø121 × 100 mm)

12MP DUAL LIGHT



OV-HG12TM1-DA28

12MP Dual-Light Large-Sensor Turret

Dual Light · Two-Way Audio · PoE · MicroSD · Smart Analytics · ONVIF

Resolution	12MP @ 20 fps
Image sensor	1/2.0" progressive CMOS
Night vision	IR + warm white dual light
Lens	2.8 mm fixed
Housing	Turret, Ø4.76 × 3.94 in (Ø121 × 100 mm)

8MP DUAL LIGHT



OV-MG8TL1-DAMZ

8MP Dual-Light Motorized Turret

Dual Light · Two-Way Audio · PoE · MicroSD · Smart Analytics · ONVIF

Resolution	3840 × 2160 @ 30 fps
Image sensor	1/2.7" progressive CMOS
Night vision	IR + warm white dual light
Lens	2.7–13.5 mm motorized
Housing	Turret, Ø5.51 × 5.16 in (Ø140 × 131 mm)

8MP DUAL LIGHT



OV-NG8BS1-DA28

8MP Dual-Light Compact Bullet

Dual Light · Two-Way Audio · PoE · MicroSD · Smart Analytics · ONVIF

Resolution	3840 × 2160 @ 25 fps
Image sensor	1/2.7" progressive CMOS
Night vision	IR + warm white dual light
Lens	2.8 mm fixed
Housing	Bullet, 2.91 × 2.80 × 7.52 in (74 × 71 × 191 mm) incl. bracket

5MP FULL COLOR



OV-XL5BS1-CA28

5MP Full-Color Bullet

Full Color · Two-Way Audio · PoE · MicroSD · Smart Analytics · ONVIF

Resolution	2880 × 1620
Image sensor	1/1.8" progressive CMOS
Night vision	Full color, warm white light
Lens	2.8 mm fixed
Housing	Bullet, 2.91 × 2.80 × 7.52 in (74 × 71 × 191 mm) incl. bracket

8MP DUAL LIGHT



OV-MG8BS1-DA28

8MP Dual-Light Bullet

Dual Light · Two-Way Audio · PoE · MicroSD · Smart Analytics · ONVIF

Resolution	3840 × 2160 @ 30 fps
Image sensor	1/2.7" progressive CMOS
Night vision	IR + warm white dual light
Lens	2.8 mm fixed
Housing	Bullet, 2.91 × 2.80 × 7.52 in (74 × 71 × 191 mm) incl. bracket

12MP DUAL LIGHT



OV-MG12BS1-DA28

12MP Dual-Light Bullet

Dual Light · Two-Way Audio · PoE · MicroSD · Smart Analytics · ONVIF

Resolution	12MP @ 20 fps
Image sensor	1/2.7" progressive CMOS
Night vision	IR + warm white dual light
Lens	2.8 mm fixed
Housing	Bullet, 2.91 × 2.80 × 7.52 in (74 × 71 × 191 mm) incl. bracket

12MP DUAL LIGHT



OV-HG12BS1-DA28

12MP Dual-Light Large-Sensor Bullet

Dual Light · Two-Way Audio · PoE · MicroSD · Smart Analytics · ONVIF

Resolution	12MP @ 20 fps
Image sensor	1/2.0" progressive CMOS
Night vision	IR + warm white dual light
Lens	2.8 mm fixed
Housing	Bullet, 2.91 × 2.80 × 7.52 in (74 × 71 × 191 mm) incl. bracket

8MP DUAL LIGHT



OV-MG8BM1-DAMZ

8MP Dual-Light Motorized Bullet

Dual Light · Two-Way Audio · PoE · MicroSD · Smart Analytics · ONVIF

Resolution	3840 × 2160 @ 30 fps
Image sensor	1/2.7" progressive CMOS
Night vision	IR + warm white dual light
Lens	2.7–13.5 mm motorized
Housing	Bullet, 10.16 × 3.58 × 3.54 in (258 × 91 × 90 mm) incl. bracket

5MP FULL COLOR



OV-XL5DS1-CA28

5MP Full-Color Mini Dome

Full Color · Two-Way Audio · PoE · MicroSD · Smart Analytics · ONVIF

Resolution	2880 × 1620
Image sensor	1/1.8" progressive CMOS
Night vision	Full color, warm white light
Lens	2.8 mm fixed
Housing	Low-Profile Mini Dome, Ø4.72 × 2.80 in (Ø120 × 71 mm)

8MP DUAL LIGHT



OV-MG8DS1-DA28

8MP Dual-Light Mini Dome

Dual Light · Two-Way Audio · PoE · MicroSD · Smart Analytics · ONVIF

Resolution	3840 × 2160 @ 30 fps
Image sensor	1/2.7" progressive CMOS
Night vision	IR + warm white dual light
Lens	2.8 mm fixed
Housing	Low-Profile Mini Dome, Ø4.72 × 2.80 in (Ø120 × 71 mm)

12MP DUAL LIGHT



OV-MG12DS1-DA28

12MP Dual-Light Mini Dome

Dual Light · Two-Way Audio · PoE · MicroSD · Smart Analytics · ONVIF

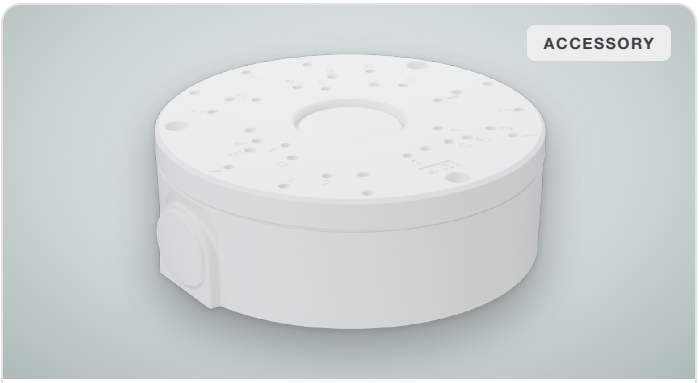
Resolution	12MP @ 20 fps
Image sensor	1/2.7" progressive CMOS
Night vision	IR + warm white dual light
Lens	2.8 mm fixed
Housing	Low-Profile Mini Dome, Ø4.72 × 2.80 in (Ø120 × 71 mm)



OV-JB120

Junction Box

Size	Ø4.75 × 1.91 in (Ø120.6 × 48.4 mm)
Fits	All cameras except the motorized turret
Cable entry	Side conduit entry
Mounting	Wall or ceiling
Purpose	Conceals connectors and cable slack



OV-JB140

Large Junction Box

Size	Ø5.48 × 1.85 in (Ø139 × 47 mm)
Fits	OV-MG8TL1-DAMZ motorized turret
Cable entry	Side conduit entry
Mounting	Wall or ceiling
Purpose	Conceals connectors and cable slack

PoE recorders for plug-and-play installs up to 16 cameras, and high-capacity recorders for 36 and 64 channels. All models record smart events from Orivue cameras and support two-way talk.



OV-NR04P4-1

PoE

4-Channel PoE NVR · Compact 1U

CHANNELS	POE PORTS	STORAGE	BANDWIDTH
4 × up to 4K	4	1 × SATA, 16 TB each	80 Mbps



OV-NR08P8-1

PoE

8-Channel PoE NVR · Compact 1U

CHANNELS	POE PORTS	STORAGE	BANDWIDTH
8 × up to 4K	8	1 × SATA, 16 TB each	80 Mbps



OV-NR16P16-2

PoE

16-Channel PoE NVR · 1U

CHANNELS	POE PORTS	STORAGE	BANDWIDTH
16 × up to 4K	16	2 × SATA, 16 TB each	150 Mbps



OV-NR36P0-4

Non-PoE

36-Channel NVR · 1.5U

CHANNELS	NETWORK	STORAGE	BANDWIDTH
36 × up to 4K	2 × Gigabit RJ45	4 × SATA, 16 TB each	512 Mbps



OV-NR64P0-9

Non-PoE

64-Channel NVR · 2U rackmount

CHANNELS	NETWORK	STORAGE	BANDWIDTH
64 × up to 4K	2 × Gigabit RJ45	9 × SATA, 16 TB each	380 Mbps

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TURRET · DUAL LIGHT

OV-NG6TS1-DA28

6MP Dual-Light Compact Turret

- 6MP (3072 × 2048) real-time video at 30 fps, H.265 / H.264
- Dual-light night vision: infrared or warm white light, auto / manual / off
- True WDR for scenes with strong backlight
- Built-in microphone and speaker for two-way audio
- Smart analytics: intrusion, line crossing, loitering, personnel absence, illegal parking
- ONVIF Profile S / T / G for third-party NVRs; built-in PoE



6MP

Dual Light · True WDR · Two-Way Audio · PoE · MicroSD · Smart Analytics · ONVIF

CAMERA

Image sensor	1/2.7" progressive CMOS
Resolution	3072 × 2048 @ 30 fps
Lens	2.8 mm fixed
Night vision	IR + warm white dual light
WDR	True WDR

VIDEO & NETWORK

Compression	H.265 / H.264, dual stream
Interoperability	ONVIF Profile S / T / G, RTSP
Remote access	Web browser, mobile app

AUDIO, STORAGE & EVENTS

Audio	Built-in mic and speaker, two-way
Storage	MicroSD slot
Smart analytics	Intrusion, line crossing, loitering, personnel absence, illegal parking

GENERAL

Power	DC 12 V / PoE
Housing	Compact Turret, Aluminum alloy
Dimensions	Ø4.41 × 3.62 in (Ø112 × 92 mm)
Compliance	NDAA Section 889



RECOMMENDED ACCESSORY

OV-JB120 Junction Box

Ø4.75 × 1.91 in (Ø120.6 × 48.4 mm) · conceals connectors and cable slack · side conduit entry

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TURRET · DUAL LIGHT

OV-NG8TS1-DA28

8MP Dual-Light Compact Turret

- 8MP (3840 × 2160) real-time video at 25 fps, H.265 / H.264
- Dual-light night vision: infrared or warm white light, auto / manual / off
- Built-in microphone and speaker for two-way audio
- Smart analytics: intrusion, line crossing, loitering, personnel absence, illegal parking
- ONVIF Profile S / T / G for third-party NVRs; built-in PoE



8MP

Dual Light · Two-Way Audio · PoE · MicroSD · Smart Analytics · ONVIF

CAMERA

Image sensor	1/2.7" progressive CMOS
Resolution	3840 × 2160 @ 25 fps
Lens	2.8 mm fixed
Night vision	IR + warm white dual light

VIDEO & NETWORK

Compression	H.265 / H.264, dual stream
Interoperability	ONVIF Profile S / T / G, RTSP
Remote access	Web browser, mobile app

AUDIO, STORAGE & EVENTS

Audio	Built-in mic and speaker, two-way
Storage	MicroSD slot
Smart analytics	Intrusion, line crossing, loitering, personnel absence, illegal parking

GENERAL

Power	DC 12 V / PoE
Housing	Compact Turret, Aluminum alloy
Dimensions	Ø4.41 × 3.62 in (Ø112 × 92 mm)
Compliance	NDAA Section 889



RECOMMENDED ACCESSORY

OV-JB120 Junction Box

Ø4.75 × 1.91 in (Ø120.6 × 48.4 mm) · conceals connectors and cable slack · side conduit entry

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TURRET · FULL COLOR

OV-XL5TM1-CA28

5MP Full-Color Turret

- 5MP (2880 × 1620) video, H.265 / H.264
- 1/1.8" large-format sensor with warm white light for full-color video all night
- Built-in microphone and speaker for two-way audio
- Smart analytics: intrusion, line crossing, loitering, personnel absence, illegal parking
- ONVIF Profile S / T / G for third-party NVRs; built-in PoE



5MP

Full Color · Two-Way Audio · PoE · MicroSD · Smart Analytics · ONVIF

CAMERA

Image sensor	1/1.8" progressive CMOS
Resolution	2880 × 1620
Lens	2.8 mm fixed
Night vision	Full color, warm white light

VIDEO & NETWORK

Compression	H.265 / H.264, dual stream
Interoperability	ONVIF Profile S / T / G, RTSP
Remote access	Web browser, mobile app

AUDIO, STORAGE & EVENTS

Audio	Built-in mic and speaker, two-way
Storage	MicroSD slot
Smart analytics	Intrusion, line crossing, loitering, personnel absence, illegal parking

GENERAL

Power	DC 12 V / PoE
Housing	Turret
Dimensions	Ø4.76 × 3.94 in (Ø121 × 100 mm)
Compliance	NDAA Section 889



RECOMMENDED ACCESSORY

OV-JB120 Junction Box

Ø4.75 × 1.91 in (Ø120.6 × 48.4 mm) · conceals connectors and cable slack · side conduit entry

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TURRET · DUAL LIGHT

OV-MG8TM1-DA28

8MP Dual-Light Turret



- 8MP (3840 × 2160) real-time video at 30 fps, H.265 / H.264
- Dual-light night vision: infrared or warm white light, auto / manual / off
- Built-in microphone and speaker for two-way audio
- Smart analytics: intrusion, line crossing, loitering, personnel absence, illegal parking
- ONVIF Profile S / T / G for third-party NVRs; built-in PoE

8MP

Dual Light | Two-Way Audio | PoE | MicroSD | Smart Analytics | ONVIF

CAMERA

Image sensor	1/2.7" progressive CMOS
Resolution	3840 × 2160 @ 30 fps
Lens	2.8 mm fixed
Night vision	IR + warm white dual light

VIDEO & NETWORK

Compression	H.265 / H.264, dual stream
Interoperability	ONVIF Profile S / T / G, RTSP
Remote access	Web browser, mobile app

AUDIO, STORAGE & EVENTS

Audio	Built-in mic and speaker, two-way
Storage	MicroSD slot
Smart analytics	Intrusion, line crossing, loitering, personnel absence, illegal parking

GENERAL

Power	DC 12 V / PoE
Housing	Turret
Dimensions	Ø4.76 × 3.94 in (Ø121 × 100 mm)
Compliance	NDAA Section 889



RECOMMENDED ACCESSORY

OV-JB120 Junction Box

Ø4.75 × 1.91 in (Ø120.6 × 48.4 mm) · conceals connectors and cable slack · side conduit entry

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TURRET · DUAL LIGHT

OV-MG12TM1-DA28

12MP Dual-Light Turret

- 12MP real-time video at 20 fps, H.265 / H.264
- Dual-light night vision: infrared or warm white light, auto / manual / off
- Built-in microphone and speaker for two-way audio
- Smart analytics: intrusion, line crossing, loitering, personnel absence, illegal parking
- ONVIF Profile S / T / G for third-party NVRs; built-in PoE



12MP

Dual Light · Two-Way Audio · PoE · MicroSD · Smart Analytics · ONVIF

CAMERA

Image sensor	1/2.7" progressive CMOS
Resolution	12MP @ 20 fps
Lens	2.8 mm fixed
Night vision	IR + warm white dual light

VIDEO & NETWORK

Compression	H.265 / H.264, dual stream
Interoperability	ONVIF Profile S / T / G, RTSP
Remote access	Web browser, mobile app

AUDIO, STORAGE & EVENTS

Audio	Built-in mic and speaker, two-way
Storage	MicroSD slot
Smart analytics	Intrusion, line crossing, loitering, personnel absence, illegal parking

GENERAL

Power	DC 12 V / PoE
Housing	Turret
Dimensions	Ø4.76 × 3.94 in (Ø121 × 100 mm)
Compliance	NDAA Section 889



RECOMMENDED ACCESSORY

OV-JB120 Junction Box

Ø4.75 × 1.91 in (Ø120.6 × 48.4 mm) · conceals connectors and cable slack · side conduit entry

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TURRET · DUAL LIGHT

OV-HG12TM1-DA28

12MP Dual-Light Large-Sensor Turret

- 12MP real-time video at 20 fps, H.265 / H.264
- Dual-light night vision: infrared or warm white light, auto / manual / off
- 1/2.0" large-format sensor for more light and detail
- Built-in microphone and speaker for two-way audio
- Smart analytics: intrusion, line crossing, loitering, personnel absence, illegal parking
- ONVIF Profile S / T / G for third-party NVRs; built-in PoE



12MP

Dual Light · Two-Way Audio · PoE · MicroSD · Smart Analytics · ONVIF

CAMERA

Image sensor	1/2.0" progressive CMOS
Resolution	12MP @ 20 fps
Lens	2.8 mm fixed
Night vision	IR + warm white dual light

VIDEO & NETWORK

Compression	H.265 / H.264, dual stream
Interoperability	ONVIF Profile S / T / G, RTSP
Remote access	Web browser, mobile app

AUDIO, STORAGE & EVENTS

Audio	Built-in mic and speaker, two-way
Storage	MicroSD slot
Smart analytics	Intrusion, line crossing, loitering, personnel absence, illegal parking

GENERAL

Power	DC 12 V / PoE
Housing	Turret
Dimensions	Ø4.76 × 3.94 in (Ø121 × 100 mm)
Compliance	NDAA Section 889



RECOMMENDED ACCESSORY

OV-JB120 Junction Box

Ø4.75 × 1.91 in (Ø120.6 × 48.4 mm) · conceals connectors and cable slack · side conduit entry

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TURRET · DUAL LIGHT

OV-MG8TL1-DAMZ

8MP Dual-Light Motorized Turret

- 8MP (3840 × 2160) real-time video at 30 fps, H.265 / H.264
- 2.7–13.5 mm motorized varifocal lens: adjust zoom and focus remotely, no ladder needed
- Dual-light night vision: infrared or warm white light, auto / manual / off
- Built-in microphone and speaker for two-way audio
- Smart analytics: intrusion, line crossing, loitering, personnel absence, illegal parking
- ONVIF Profile S / T / G for third-party NVRs; built-in PoE



8MP

Dual Light · Two-Way Audio · PoE · MicroSD · Smart Analytics · ONVIF

CAMERA

Image sensor	1/2.7" progressive CMOS
Resolution	3840 × 2160 @ 30 fps
Lens	2.7–13.5 mm motorized
Night vision	IR + warm white dual light

VIDEO & NETWORK

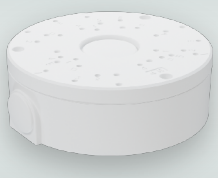
Compression	H.265 / H.264, dual stream
Interoperability	ONVIF Profile S / T / G, RTSP
Remote access	Web browser, mobile app

AUDIO, STORAGE & EVENTS

Audio	Built-in mic and speaker, two-way
Storage	MicroSD slot
Smart analytics	Intrusion, line crossing, loitering, personnel absence, illegal parking

GENERAL

Power	DC 12 V / PoE
Housing	Turret
Dimensions	Ø5.51 × 5.16 in (Ø140 × 131 mm)
Compliance	NDAA Section 889



RECOMMENDED ACCESSORY

OV-JB140 Large Junction Box

Ø5.48 × 1.85 in (Ø139 × 47 mm) · conceals connectors and cable slack · side conduit entry

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BULLET · DUAL LIGHT

OV-NG8BS1-DA28

8MP Dual-Light Compact Bullet

- 8MP (3840 × 2160) real-time video at 25 fps, H.265 / H.264
- Dual-light night vision: infrared or warm white light, auto / manual / off
- Built-in microphone and speaker for two-way audio
- Smart analytics: intrusion, line crossing, loitering, personnel absence, illegal parking
- ONVIF Profile S / T / G for third-party NVRs; built-in PoE



8MP

Dual Light · Two-Way Audio · PoE · MicroSD · Smart Analytics · ONVIF

CAMERA

Image sensor	1/2.7" progressive CMOS
Resolution	3840 × 2160 @ 25 fps
Lens	2.8 mm fixed
Night vision	IR + warm white dual light

VIDEO & NETWORK

Compression	H.265 / H.264, dual stream
Interoperability	ONVIF Profile S / T / G, RTSP
Remote access	Web browser, mobile app

AUDIO, STORAGE & EVENTS

Audio	Built-in mic and speaker, two-way
Storage	MicroSD slot
Smart analytics	Intrusion, line crossing, loitering, personnel absence, illegal parking

GENERAL

Power	DC 12 V / PoE
Housing	Bullet
Dimensions	2.91 × 2.80 × 7.52 in (74 × 71 × 191 mm) incl. bracket
Compliance	NDAA Section 889



RECOMMENDED ACCESSORY

OV-JB120 Junction Box

Ø4.75 × 1.91 in (Ø120.6 × 48.4 mm) · conceals connectors and cable slack · side conduit entry

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BULLET · FULL COLOR

OV-XL5BS1-CA28

5MP Full-Color Bullet

- 5MP (2880 × 1620) video, H.265 / H.264
- 1/1.8" large-format sensor with warm white light for full-color video all night
- Built-in microphone and speaker for two-way audio
- Smart analytics: intrusion, line crossing, loitering, personnel absence, illegal parking
- ONVIF Profile S / T / G for third-party NVRs; built-in PoE



5MP

Full Color · Two-Way Audio · PoE · MicroSD · Smart Analytics · ONVIF

CAMERA

Image sensor	1/1.8" progressive CMOS
Resolution	2880 × 1620
Lens	2.8 mm fixed
Night vision	Full color, warm white light

VIDEO & NETWORK

Compression	H.265 / H.264, dual stream
Interoperability	ONVIF Profile S / T / G, RTSP
Remote access	Web browser, mobile app

AUDIO, STORAGE & EVENTS

Audio	Built-in mic and speaker, two-way
Storage	MicroSD slot
Smart analytics	Intrusion, line crossing, loitering, personnel absence, illegal parking

GENERAL

Power	DC 12 V / PoE
Housing	Bullet
Dimensions	2.91 × 2.80 × 7.52 in (74 × 71 × 191 mm) incl. bracket
Compliance	NDAA Section 889



RECOMMENDED ACCESSORY

OV-JB120 Junction Box

Ø4.75 × 1.91 in (Ø120.6 × 48.4 mm) · conceals connectors and cable slack · side conduit entry

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BULLET · DUAL LIGHT

OV-MG8BS1-DA28

8MP Dual-Light Bullet

- 8MP (3840 × 2160) real-time video at 30 fps, H.265 / H.264
- Dual-light night vision: infrared or warm white light, auto / manual / off
- Built-in microphone and speaker for two-way audio
- Smart analytics: intrusion, line crossing, loitering, personnel absence, illegal parking
- ONVIF Profile S / T / G for third-party NVRs; built-in PoE



8MP

Dual Light · Two-Way Audio · PoE · MicroSD · Smart Analytics · ONVIF

CAMERA

Image sensor	1/2.7" progressive CMOS
Resolution	3840 × 2160 @ 30 fps
Lens	2.8 mm fixed
Night vision	IR + warm white dual light

VIDEO & NETWORK

Compression	H.265 / H.264, dual stream
Interoperability	ONVIF Profile S / T / G, RTSP
Remote access	Web browser, mobile app

AUDIO, STORAGE & EVENTS

Audio	Built-in mic and speaker, two-way
Storage	MicroSD slot
Smart analytics	Intrusion, line crossing, loitering, personnel absence, illegal parking

GENERAL

Power	DC 12 V / PoE
Housing	Bullet
Dimensions	2.91 × 2.80 × 7.52 in (74 × 71 × 191 mm) incl. bracket
Compliance	NDAA Section 889



RECOMMENDED ACCESSORY

OV-JB120 Junction Box

Ø4.75 × 1.91 in (Ø120.6 × 48.4 mm) · conceals connectors and cable slack · side conduit entry

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BULLET · DUAL LIGHT

OV-MG12BS1-DA28

12MP Dual-Light Bullet

- 12MP real-time video at 20 fps, H.265 / H.264
- Dual-light night vision: infrared or warm white light, auto / manual / off
- Built-in microphone and speaker for two-way audio
- Smart analytics: intrusion, line crossing, loitering, personnel absence, illegal parking
- ONVIF Profile S / T / G for third-party NVRs; built-in PoE



12MP

Dual Light · Two-Way Audio · PoE · MicroSD · Smart Analytics · ONVIF

CAMERA

Image sensor	1/2.7" progressive CMOS
Resolution	12MP @ 20 fps
Lens	2.8 mm fixed
Night vision	IR + warm white dual light

VIDEO & NETWORK

Compression	H.265 / H.264, dual stream
Interoperability	ONVIF Profile S / T / G, RTSP
Remote access	Web browser, mobile app

AUDIO, STORAGE & EVENTS

Audio	Built-in mic and speaker, two-way
Storage	MicroSD slot
Smart analytics	Intrusion, line crossing, loitering, personnel absence, illegal parking

GENERAL

Power	DC 12 V / PoE
Housing	Bullet
Dimensions	2.91 × 2.80 × 7.52 in (74 × 71 × 191 mm) incl. bracket
Compliance	NDAA Section 889



RECOMMENDED ACCESSORY

OV-JB120 Junction Box

Ø4.75 × 1.91 in (Ø120.6 × 48.4 mm) · conceals connectors and cable slack · side conduit entry

orivue

BULLET · DUAL LIGHT

OV-HG12BS1-DA28

12MP Dual-Light Large-Sensor Bullet

- 12MP real-time video at 20 fps, H.265 / H.264
- Dual-light night vision: infrared or warm white light, auto / manual / off
- 1/2.0" large-format sensor for more light and detail
- Built-in microphone and speaker for two-way audio
- Smart analytics: intrusion, line crossing, loitering, personnel absence, illegal parking
- ONVIF Profile S / T / G for third-party NVRs; built-in PoE



12MP

Dual Light · Two-Way Audio · PoE · MicroSD · Smart Analytics · ONVIF

CAMERA

Image sensor	1/2.0" progressive CMOS
Resolution	12MP @ 20 fps
Lens	2.8 mm fixed
Night vision	IR + warm white dual light

VIDEO & NETWORK

Compression	H.265 / H.264, dual stream
Interoperability	ONVIF Profile S / T / G, RTSP
Remote access	Web browser, mobile app

AUDIO, STORAGE & EVENTS

Audio	Built-in mic and speaker, two-way
Storage	MicroSD slot
Smart analytics	Intrusion, line crossing, loitering, personnel absence, illegal parking

GENERAL

Power	DC 12 V / PoE
Housing	Bullet
Dimensions	2.91 × 2.80 × 7.52 in (74 × 71 × 191 mm) incl. bracket
Compliance	NDAA Section 889



RECOMMENDED ACCESSORY

OV-JB120 Junction Box

Ø4.75 × 1.91 in (Ø120.6 × 48.4 mm) · conceals connectors and cable slack · side conduit entry

orivue

BULLET · DUAL LIGHT

OV-MG8BM1-DAMZ

8MP Dual-Light Motorized Bullet



- 8MP (3840 × 2160) real-time video at 30 fps, H.265 / H.264
- 2.7–13.5 mm motorized varifocal lens: adjust zoom and focus remotely, no ladder needed
- Dual-light night vision: infrared or warm white light, auto / manual / off
- Built-in microphone and speaker for two-way audio
- Smart analytics: intrusion, line crossing, loitering, personnel absence, illegal parking
- ONVIF Profile S / T / G for third-party NVRs; built-in PoE

8MP

Dual Light · Two-Way Audio · PoE · MicroSD · Smart Analytics · ONVIF

CAMERA

Image sensor	1/2.7" progressive CMOS
Resolution	3840 × 2160 @ 30 fps
Lens	2.7–13.5 mm motorized
Night vision	IR + warm white dual light

VIDEO & NETWORK

Compression	H.265 / H.264, dual stream
Interoperability	ONVIF Profile S / T / G, RTSP
Remote access	Web browser, mobile app

AUDIO, STORAGE & EVENTS

Audio	Built-in mic and speaker, two-way
Storage	MicroSD slot
Smart analytics	Intrusion, line crossing, loitering, personnel absence, illegal parking

GENERAL

Power	DC 12 V / PoE
Housing	Bullet, Aluminum alloy
Dimensions	10.16 × 3.58 × 3.54 in (258 × 91 × 90 mm) incl. bracket
Compliance	NDAA Section 889



RECOMMENDED ACCESSORY

OV-JB120 Junction Box

Ø4.75 × 1.91 in (Ø120.6 × 48.4 mm) · conceals connectors and cable slack · side conduit entry

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MINI DOME · FULL COLOR

OV-XL5DS1-CA28

5MP Full-Color Mini Dome

- 5MP (2880 × 1620) video, H.265 / H.264
- 1/1.8" large-format sensor with warm white light for full-color video all night
- Built-in microphone and speaker for two-way audio
- Smart analytics: intrusion, line crossing, loitering, personnel absence, illegal parking
- ONVIF Profile S / T / G for third-party NVRs; built-in PoE



5MP

Full Color · Two-Way Audio · PoE · MicroSD · Smart Analytics · ONVIF

CAMERA

Image sensor	1/1.8" progressive CMOS
Resolution	2880 × 1620
Lens	2.8 mm fixed
Night vision	Full color, warm white light

VIDEO & NETWORK

Compression	H.265 / H.264, dual stream
Interoperability	ONVIF Profile S / T / G, RTSP
Remote access	Web browser, mobile app

AUDIO, STORAGE & EVENTS

Audio	Built-in mic and speaker, two-way
Storage	MicroSD slot
Smart analytics	Intrusion, line crossing, loitering, personnel absence, illegal parking

GENERAL

Power	DC 12 V / PoE
Housing	Low-Profile Mini Dome
Dimensions	Ø4.72 × 2.80 in (Ø120 × 71 mm)
Compliance	NDAA Section 889



RECOMMENDED ACCESSORY

OV-JB120 Junction Box

Ø4.75 × 1.91 in (Ø120.6 × 48.4 mm) · conceals connectors and cable slack · side conduit entry

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MINI DOME · DUAL LIGHT

OV-MG8DS1-DA28

8MP Dual-Light Mini Dome

- 8MP (3840 × 2160) real-time video at 30 fps, H.265 / H.264
- Dual-light night vision: infrared or warm white light, auto / manual / off
- Built-in microphone and speaker for two-way audio
- Smart analytics: intrusion, line crossing, loitering, personnel absence, illegal parking
- ONVIF Profile S / T / G for third-party NVRs; built-in PoE



8MP

Dual Light · Two-Way Audio · PoE · MicroSD · Smart Analytics · ONVIF

CAMERA

Image sensor	1/2.7" progressive CMOS
Resolution	3840 × 2160 @ 30 fps
Lens	2.8 mm fixed
Night vision	IR + warm white dual light

VIDEO & NETWORK

Compression	H.265 / H.264, dual stream
Interoperability	ONVIF Profile S / T / G, RTSP
Remote access	Web browser, mobile app

AUDIO, STORAGE & EVENTS

Audio	Built-in mic and speaker, two-way
Storage	MicroSD slot
Smart analytics	Intrusion, line crossing, loitering, personnel absence, illegal parking

GENERAL

Power	DC 12 V / PoE
Housing	Low-Profile Mini Dome
Dimensions	Ø4.72 × 2.80 in (Ø120 × 71 mm)
Compliance	NDAA Section 889



RECOMMENDED ACCESSORY

OV-JB120 Junction Box

Ø4.75 × 1.91 in (Ø120.6 × 48.4 mm) · conceals connectors and cable slack · side conduit entry

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MINI DOME · DUAL LIGHT

OV-MG12DS1-DA28

12MP Dual-Light Mini Dome

- 12MP real-time video at 20 fps, H.265 / H.264
- Dual-light night vision: infrared or warm white light, auto / manual / off
- Built-in microphone and speaker for two-way audio
- Smart analytics: intrusion, line crossing, loitering, personnel absence, illegal parking
- ONVIF Profile S / T / G for third-party NVRs; built-in PoE



12MP

Dual Light · Two-Way Audio · PoE · MicroSD · Smart Analytics · ONVIF

CAMERA

Image sensor	1/2.7" progressive CMOS
Resolution	12MP @ 20 fps
Lens	2.8 mm fixed
Night vision	IR + warm white dual light

VIDEO & NETWORK

Compression	H.265 / H.264, dual stream
Interoperability	ONVIF Profile S / T / G, RTSP
Remote access	Web browser, mobile app

AUDIO, STORAGE & EVENTS

Audio	Built-in mic and speaker, two-way
Storage	MicroSD slot
Smart analytics	Intrusion, line crossing, loitering, personnel absence, illegal parking

GENERAL

Power	DC 12 V / PoE
Housing	Low-Profile Mini Dome
Dimensions	Ø4.72 × 2.80 in (Ø120 × 71 mm)
Compliance	NDAA Section 889



RECOMMENDED ACCESSORY

OV-JB120 Junction Box

Ø4.75 × 1.91 in (Ø120.6 × 48.4 mm) · conceals connectors and cable slack · side conduit entry

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NETWORK VIDEO RECORDER · POE

OV-NR04P4-1

4-Channel PoE NVR

- 4 IP camera channels, up to 4K (8MP) per channel
- 4 built-in PoE ports — plug-and-play with Orivue cameras
- 80 Mbps incoming bandwidth; playback 1 × 8MP or 4 × 1080p
- HDMI and VGA output; built-in speaker and mic support for two-way talk and broadcast
- Receives smart events from Orivue cameras: intrusion, line crossing, loitering, illegal parking
- ONVIF and RTSP; web browser, mobile app and PC client



4CH

4 CH | 4K Input | 4 PoE | 1 HDD | Two-Way Talk | ONVIF

RECORDING

Channels	4
Camera resolution	Up to 4K (8MP) per channel
Incoming bandwidth	80 Mbps
Decoding	Smart265 / H.265 / H.264
Playback	1 × 8MP or 4 × 1080p

NETWORK

PoE ports	4
Network	1 × 10/100M RJ45 uplink
Protocols	ONVIF, RTSP, DDNS, UPnP

INTERFACES

Video output	1 × HDMI, 1 × VGA
Audio	1 × 3.5 mm in, 1 × 3.5 mm out; two-way talk and broadcast
Storage	1 × SATA, up to 16 TB each
USB	2 × USB 2.0

GENERAL

Form factor	Compact 1U
Compliance	NDAA Section 889

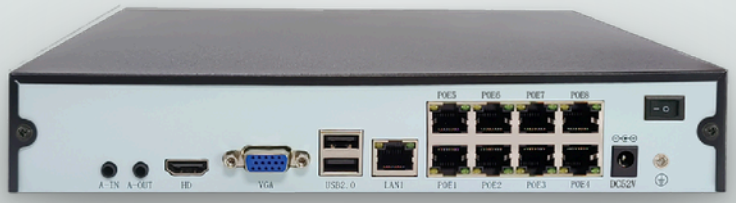
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NETWORK VIDEO RECORDER · POE

OV-NR08P8-1

8-Channel PoE NVR

- 8 IP camera channels, up to 4K (8MP) per channel
- 8 built-in PoE ports — plug-and-play with Orivue cameras
- 80 Mbps incoming bandwidth; playback 1 × 8MP or 4 × 1080p
- HDMI and VGA output; built-in speaker and mic support for two-way talk and broadcast
- Receives smart events from Orivue cameras: intrusion, line crossing, loitering, illegal parking
- ONVIF and RTSP; web browser, mobile app and PC client



8CH

8 CH | 4K Input | 8 PoE | 1 HDD | Two-Way Talk | ONVIF

RECORDING

Channels	8
Camera resolution	Up to 4K (8MP) per channel
Incoming bandwidth	80 Mbps
Decoding	Smart265 / H.265 / H.264
Playback	1 × 8MP or 4 × 1080p

NETWORK

PoE ports	8
Network	1 × 10/100M RJ45 uplink
Protocols	ONVIF, RTSP, DDNS, UPnP

INTERFACES

Video output	1 × HDMI, 1 × VGA
Audio	1 × 3.5 mm in, 1 × 3.5 mm out; two-way talk and broadcast
Storage	1 × SATA, up to 16 TB each
USB	2 × USB 2.0

GENERAL

Form factor	Compact 1U
Compliance	NDAA Section 889

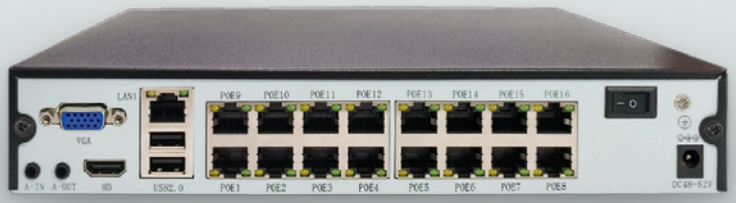
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NETWORK VIDEO RECORDER · POE

OV-NR16P16-2

16-Channel PoE NVR

- 16 IP camera channels, up to 4K (8MP) per channel
- 16 built-in PoE ports — plug-and-play with Orivue cameras
- 150 Mbps incoming bandwidth; playback 1 × 4K / 4 × 5MP / 9 × 1080p
- HDMI and VGA output; built-in speaker and mic support for two-way talk and broadcast
- Receives smart events from Orivue cameras: intrusion, line crossing, loitering, illegal parking
- ONVIF and RTSP; web browser, mobile app and PC client



16CH

16 CH | 4K Input | 16 PoE | 2 HDD | Two-Way Talk | ONVIF

RECORDING

Channels	16
Camera resolution	Up to 4K (8MP) per channel
Incoming bandwidth	150 Mbps
Decoding	Smart265 / H.265 / H.264
Playback	1 × 4K / 4 × 5MP / 9 × 1080p

NETWORK

PoE ports	16
Network	1 × Gigabit RJ45 uplink
Protocols	ONVIF, RTSP, DDNS, UPnP

INTERFACES

Video output	1 × HDMI, 1 × VGA
Audio	1 × 3.5 mm in, 1 × 3.5 mm out; two-way talk and broadcast
Storage	2 × SATA, up to 16 TB each
USB	3 × USB 2.0

GENERAL

Form factor	1U
Compliance	NDAA Section 889

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NETWORK VIDEO RECORDER · HIGH CAPACITY

OV-NR36P0-4

36-Channel NVR

- 36 IP camera channels, up to 4K (8MP) per channel
- 4 SATA bays, up to 64 TB total
- 512 Mbps incoming bandwidth; playback 1 × 12MP / 4 × 4K / 16 × 1080p
- HDMI and VGA output; built-in speaker and mic support for two-way talk and broadcast
- Receives smart events from Orivue cameras: intrusion, line crossing, loitering, illegal parking
- ONVIF and RTSP; web browser, mobile app and PC client



36CH

36 CH | 4K Input | 4 HDD | Smart Analytics | Two-Way Talk | ONVIF

RECORDING

Channels	36
Camera resolution	Up to 4K (8MP) per channel
Incoming bandwidth	512 Mbps
Decoding	H.265 / H.265+ / H.264
Playback	1 × 12MP / 4 × 4K / 16 × 1080p

NETWORK

Network	2 × Gigabit RJ45
Protocols	ONVIF, RTSP, DDNS, UPnP

INTERFACES

Video output	1 × HDMI, 1 × VGA
Audio	1 × 3.5 mm in, 1 × 3.5 mm out; two-way talk and broadcast
Storage	4 × SATA, up to 16 TB each
USB	2 × USB 2.0

GENERAL

Form factor	1.5U
Compliance	NDAA Section 889

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NETWORK VIDEO RECORDER · HIGH CAPACITY

OV-NR64P0-9

64-Channel NVR

- 64 IP camera channels, up to 4K (8MP) per channel
- 9 SATA bays, up to 144 TB total
- 380 Mbps incoming bandwidth; playback 1 × 12MP / 4 × 4K / 16 × 1080p
- HDMI and VGA output; built-in speaker and mic support for two-way talk and broadcast
- Receives smart events from Orivue cameras: intrusion, line crossing, loitering, illegal parking
- ONVIF and RTSP; web browser, mobile app and PC client



64CH

64 CH | 4K Input | 9 HDD | Smart Analytics | Two-Way Talk | ONVIF

RECORDING

Channels	64
Camera resolution	Up to 4K (8MP) per channel
Incoming bandwidth	380 Mbps
Decoding	H.265 / H.265+ / H.264
Playback	1 × 12MP / 4 × 4K / 16 × 1080p

NETWORK

Network	2 × Gigabit RJ45
Protocols	ONVIF, RTSP, DDNS, UPnP

INTERFACES

Video output	1 × HDMI, 1 × VGA
Audio	1 × 3.5 mm in, 1 × 3.5 mm out; two-way talk and broadcast
Storage	9 × SATA, up to 16 TB each
USB	2 × USB 2.0
eSATA	1 × eSATA
Alarm I/O	8 in / 4 out

GENERAL

Form factor	2U rackmount
Compliance	NDAA Section 889

IP CAMERA	FORM	RES.	SENSOR	NIGHT VISION	AUDIO	DIMENSIONS
OV-NG6TS1-DA28	Turret	6MP	1/2.7"	Dual light	Two-way	Ø4.41 × 3.62 in (Ø112 × 92 mm)
OV-NG8TS1-DA28	Turret	8MP	1/2.7"	Dual light	Two-way	Ø4.41 × 3.62 in (Ø112 × 92 mm)
OV-XL5TM1-CA28	Turret	5MP	1/1.8"	Full color	Two-way	Ø4.76 × 3.94 in (Ø121 × 100 mm)
OV-MG8TM1-DA28	Turret	8MP	1/2.7"	Dual light	Two-way	Ø4.76 × 3.94 in (Ø121 × 100 mm)
OV-MG12TM1-DA28	Turret	12MP	1/2.7"	Dual light	Two-way	Ø4.76 × 3.94 in (Ø121 × 100 mm)
OV-HG12TM1-DA28	Turret	12MP	1/2.0"	Dual light	Two-way	Ø4.76 × 3.94 in (Ø121 × 100 mm)
OV-MG8TL1-DAMZ	Turret	8MP	1/2.7"	Dual light	Two-way	Ø5.51 × 5.16 in (Ø140 × 131 mm)
OV-NG8BS1-DA28	Bullet	8MP	1/2.7"	Dual light	Two-way	2.91 × 2.80 × 7.52 in (74 × 71 × 191 mm) incl. bracket
OV-XL5BS1-CA28	Bullet	5MP	1/1.8"	Full color	Two-way	2.91 × 2.80 × 7.52 in (74 × 71 × 191 mm) incl. bracket
OV-MG8BS1-DA28	Bullet	8MP	1/2.7"	Dual light	Two-way	2.91 × 2.80 × 7.52 in (74 × 71 × 191 mm) incl. bracket
OV-MG12BS1-DA28	Bullet	12MP	1/2.7"	Dual light	Two-way	2.91 × 2.80 × 7.52 in (74 × 71 × 191 mm) incl. bracket
OV-HG12BS1-DA28	Bullet	12MP	1/2.0"	Dual light	Two-way	2.91 × 2.80 × 7.52 in (74 × 71 × 191 mm) incl. bracket
OV-MG8BM1-DAMZ	Bullet	8MP	1/2.7"	Dual light	Two-way	10.16 × 3.58 × 3.54 in (258 × 91 × 90 mm) incl. bracket
OV-XL5DS1-CA28	Mini Dome	5MP	1/1.8"	Full color	Two-way	Ø4.72 × 2.80 in (Ø120 × 71 mm)
OV-MG8DS1-DA28	Mini Dome	8MP	1/2.7"	Dual light	Two-way	Ø4.72 × 2.80 in (Ø120 × 71 mm)
OV-MG12DS1-DA28	Mini Dome	12MP	1/2.7"	Dual light	Two-way	Ø4.72 × 2.80 in (Ø120 × 71 mm)

NVR	CHANNELS	POE PORTS	STORAGE	BANDWIDTH	FORM FACTOR
OV-NR04P4-1	4	4	1 × 16 TB	80 Mbps	Compact 1U
OV-NR08P8-1	8	8	1 × 16 TB	80 Mbps	Compact 1U
OV-NR16P16-2	16	16	2 × 16 TB	150 Mbps	1U
OV-NR36P0-4	36	—	4 × 16 TB	512 Mbps	1.5U
OV-NR64P0-9	64	—	9 × 16 TB	380 Mbps	2U rackmount

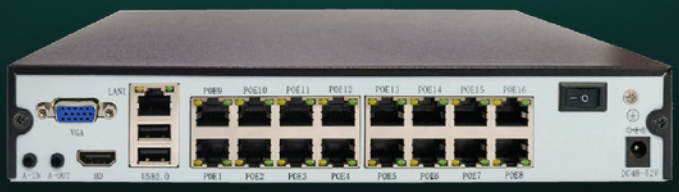
ACCESSORY	DESCRIPTION
OV-JB120	Junction box, Ø4.75 × 1.91 in (Ø120.6 × 48.4 mm), fits all cameras except the motorized turret
OV-JB140	Large junction box, Ø5.48 × 1.85 in (Ø139 × 47 mm), for the OV-MG8TL1-DAMZ motorized turret

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Built for the professional channel.







Compliance

NDAA Section 889 compliant — no Hikvision, Dahua, Huawei, ZTE or Hytera components.

Availability

Turret and bullet models ship from early January 2027, with mini dome and motorized models to follow. Samples on request.

Orivue Technology Inc. · Manufacturer of professional security products.

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Product images are renderings; final appearance may vary. Dimensions are approximate.