

# ButterflyMX Camera Gateway

Product Cutsheet

 Images are not to scale.



Specification	ButterflyMX 1TB Camera Gateway
Dimensions	3.5 in (90 mm) L x 2.6 in (66 mm) W x 1.6 in (41 mm) H
Weight	0.5 lb (0.23 kg)
CPU	Broadcom 2.4GHz quad-core 64-bit Arm Cortex-A76
Onboard Storage	Baseline model capacity = 1TB SSD, ~7 days of storage for 10 cameras
Connectivity	Ethernet, 10/100/1000 Mbps
Ports	1 Ethernet Jack; 2 micro-HDMI; 1 USB-C; 2 USB 3.0; 2 USB 2.0
Power Supply	5V/5A DC power via USB-C (included)
Power Consumption	7 watts max
Temperature Range	Ambient, recommended 50°F to 85°F (10°C to +29°C)
Installation Requirements	Must be installed in a weatherproof, secure location
Bandwidth Requirements	Minimum 600 Kbps internet per one stream
NDAA Complaint	Yes

# ButterflyMX Bullet Security Cameras

Product Cutsheet

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Specification	ButterflyMX Bullet Security Camera	Video Recordings	HQ HD 1080P, 2000 kbps
Image Sensor	1/2.8" Sony IMX335 CMOS	Compression	H264
Sensor Resolution	6MP (3072 × 2048)	Onboard Storage	N/A
Lens	Fixed	Audio	Not supported
Focal Length	2.8 mm	Dimensions	2.7 in (69 mm) W x 7.9 in (202 mm) L x 2.5 in (64 mm) H
Aperture	F1.2	Weight	1 lb (0.45 kg)
Field of View	2.8mm: 104.7° H, 71.5° V, 120.1° D	PoE	Standard 802.3af/at Type 2 PoE+
Camera Movement	180° non-concurrent manual pan and tilt	Connectivity	Ethernet, 10/100 Mbps
Shutter Speed	Auto, 1/10 s to 1/10000 s	Power Consumption	8 watts max
Day / Night	Automatic IR-CUT filter removal; 2D/3D digital noise reduction, auto white balance	Operating Temperature	-22°F to +140°F (-30°C to +60°C)
Night Vision	18 IR LEDs with range of 95 ft	Operating Humidity	10%-90% RH
Minimum Illumination	0.01 lux @ F1.2 with automatic gain control on; 0 lux with IR illuminators on	Baseline State	N/A, camera is always recording
Live Stream	HQ HD 1080P, 2000 kbps	Bandwidth Requirements	2 Mbps local ; 600 Kbps internet
		IP Rating	IP66
		NDAA Complaint	Yes
		Certifications	CE, FCC, ROHS

# ButterflyMX Dome Security Cameras

Product Cutsheet

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Specification	ButterflyMX Dome Security Camera	Video Recordings	HQ HD 1080P, 2000 kbps
Image Sensor	1/2.8" Sony IMX335 CMOS	Compression	H264
Sensor Resolution	6MP (3072 × 2048)	Onboard Storage	N/A
Lens	Varifocal; manual zoom	Audio	Not supported
Focal Length	2.8 to 12 mm	Dimensions	4.3 in (110 mm) W x 4.3 in (110 mm) L x 3.7 in (93 mm) H
Aperture	F1.2	Weight	1 lb (0.45 kg)
Field of View	2.8mm: 104.7° H, 71.5° V, 120.1° D 12mm: 25.4° H, 15.3° V, 29.4° D	PoE	Standard 802.3af/at Type 2 PoE+
Camera Movement	90° tilt, manual	Connectivity	Ethernet, 10/100 Mbps
Shutter Speed	Auto, 1/10 s to 1/10000 s	Power Consumption	8 watts max
Day / Night	Automatic IR-CUT filter removal; 2D/3D digital noise reduction, auto white balance	Operating Temperature	-22°F to +140°F (-30°C to +60°C)
Night Vision	18 IR LEDs with range of 95 ft	Operating Humidity	10%-90% RH
Minimum Illumination	0.01 lux @ F1.2 with automatic gain control on; 0 lux with IR illuminators on	Baseline State	N/A, camera is always recording
Live Stream	HQ HD 1080P, 2000 kbps	Bandwidth Requirements	2 Mbps local; 600 Kbps internet
		IP Rating	IP66
		NDAA Compliant	Yes
		Certification	CE, FCC, ROHS