

DM1600-V Bullet Camera

Signatec Cloud Security



Available in wide and telephoto lens options, the AI-powered DM1600-V Bullet Camera for Dec Aware provides flexible coverage to ensure security from any indoor or outdoor location. With up to 4K resolution, remote zoom and focus, HDR and IR illumination, the Bullet Camera provides crisp, clear images even in challenging lighting conditions. On-camera storage and processing and cloud management minimize physical infrastructure, enabling plug and play configuration for fast deployments. Intelligent video and audio analytics help detect threats in real-time, and provide valuable insights to improve operations.



Available in wide and tele lenses
for flexible coverage



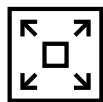
Built-in AI video and audio analytics
and on-device storage



Simple to install with innovative sliding body
design and easy onboarding



Factory-installed certificates backed by
a trusted platform module (TPM)



Dynamic resolution up
to 4K



NDAA-Compliant: designed and developed in South Africa

FEATURES

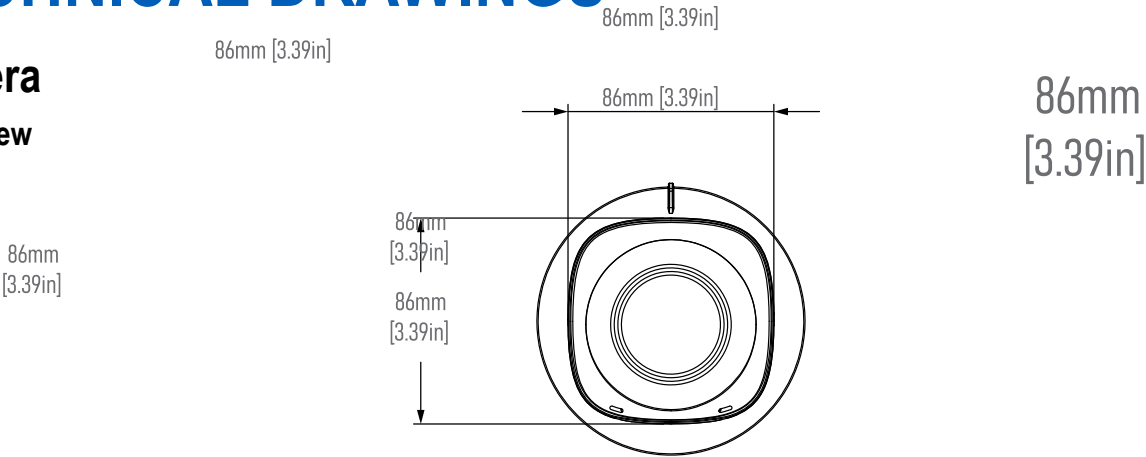
IMAGE SENSOR
8MP (4K) or 5MP
IMAGE SENSOR SIZE FORMAT
1/1.8"
LENS (WIDE)
Focal length: 4.3-10.8mm
Aperture: f/1.38-f/2.8
Zoom
IR illumination, max distance: 50m
Minimum illumination: 0.06 lux in color mode
LENS (TELE)
Focal length: 11-28mm
Aperture: f/1.47-f/1.69
Zoom
IR illumination, max distance: 90m
Minimum illumination: 0.06 lux in color mode
ZOOM
2.5x
IR NIGHT VISION
Automatic night mode
IR-cut filter
850 nm IR LED
FIELD OF VIEW (WIDE)
100° - 40° Horizontal, 53° - 23° Vertical
FIELD OF VIEW (TELE)
39° - 16° Horizontal, 23° - 9° Vertical
MAXIMUM RESOLUTION & FRAME RATE 8MP (4K)
3840x2160@30fps
MAXIMUM RESOLUTION & FRAME RATE 8MP (4K)
3072x1728@30fps
DYNAMIC RANGE
Multi-exposure line-based HDR

VIDEO COMPRESSION
H.264
Motion JPEG
AUDIO
Microphone array (4x microphones)
Audio classification
Audio localization
SECURITY
Trusted Platform Module (TPM 2.0)
Factory installed certificates
No default passwords
Mandatory access authentication
HTTPS/TLS encryption
ONVIF
ONVIF® compliance Profile S. Requires the camera to be set to ONVIF Mode. (www.onvif.org)
NETWORK PROTOCOLS
IPv4, HTTPS, TLS, DNS, mDNS, DNS-SD, NTP, RTSP, RTP, RTCP, ICMP, DHCP, ARP
Streaming: RTP/UDP, RTP/RTSP/HTTPS/TCP
POWER SOURCE
PoE+ (802.3at Type 2), normal operation
PoE (802.3 af), without heat and IR
USB-C, installation only
POWER CONSUMPTION
Typical: 5 W
Max without heater, with IR: 13 W
Max with heater: 23 W
STORAGE
MicroSD
SDXC UHS-I
CONNECTION
802.3ab 10/100 Ethernet
USB-C for preview and setup

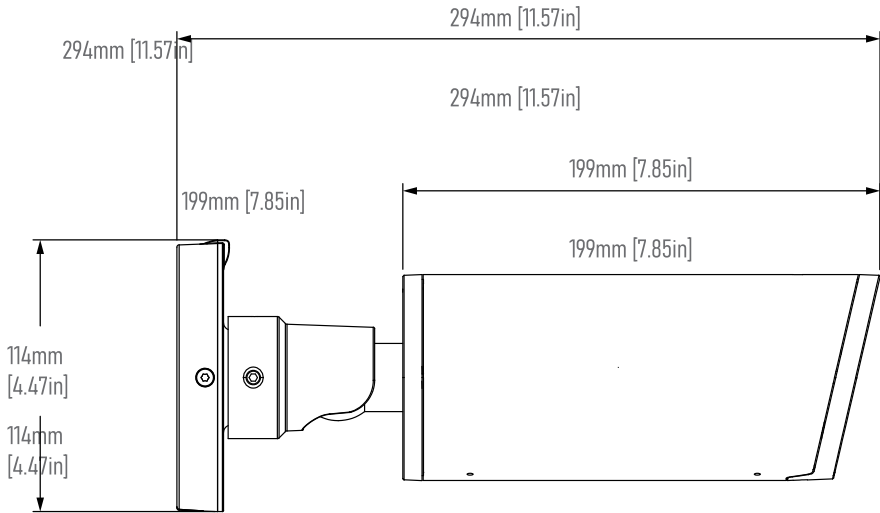
INSTALLATION AID
Versatile bracket, mounts to standard back boxes.Refer to technical drawing.
ADJUSTMENT RANGE
Pan, Tilt, Roll
IMPACT RESISTANCE
IK10 (IEC/EN 62262)
INGRESS PROTECTION
IP66 (IEC/EN 60529)
TEMPERATURE
Operating: -25°C to +50°C
Storage: -40°C to +60°C
PHYSICAL CHARACTERISTICS
Dimensions: 284x86x108
Weight: 133 kg
Body: Aluminum
EMC
EN55032, EN 61000-6-4, EN 61000-3-2, EN 61000-3-3, EN50130-4 CISPR 32, AS/NZS CISPR 32, FCC subpart 15B, ICES-003 Issue 7
SAFETY
UL (UL 62368-1)
CB (IEC/ EN 62368-1, IEC/EN 60950-22, IEC/EN 62471)
NOM-019
WARRANTY
10-year warranty with Dec Aware license or 3-year warranty without

TECHNICAL DRAWINGS

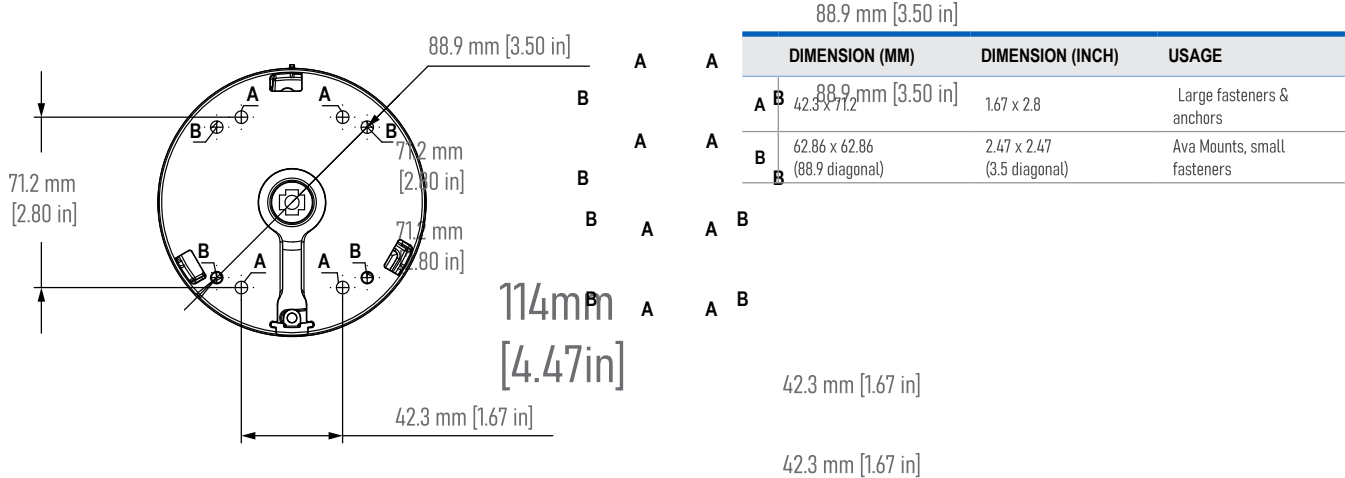
Camera Front view



Side view



Rear view



Designation	Dimension (mm)	Dimension [in]	Usage
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Wall Mount	42.3 x 71.2	1.67 x 2.8	Large Fasteners & anchors



ORDERING INFORMATION

DM1600-V BULLET TELE

PRODUCT ID	RESOLUTION	ONBOARD RETENTION	COLOR
BULLET-TE-W	4K	No. Cloud Connector required.	White
BULLET-TE-W-4K-30	4K	30 days	White
BULLET-TE-W-4K-60	4K	60 days	White
BULLET-TE-W-5MP	5MP	No. Cloud Connector required.	White
BULLET-TE-W-5MP-30	5MP	30 days	White
BULLET-TE-W-5MP-60	5MP	60 days	White
BULLET-TE-W-5MP-120	5MP	120 days	White
BULLET-TE-B	4K	No. Cloud Connector required.	Black
BULLET-TE-B-4K-30	4K	30 days	Black
BULLET-TE-B-4K-60	4K	60 days	Black
BULLET-TE-B-5MP	5MP	No. Cloud Connector required.	Black
BULLET-TE-B-5MP-30	5MP	30 days	Black
BULLET-TE-B-5MP-60	5MP	60 days	Black
BULLET-TE-B-5MP-120	5MP	120 days	Black



ORDERING INFORMATION

DM1600-V BULLET WIDE

PRODUCT ID	RESOLUTION	ONBOARD RETENTION	COLOR
BULLET-WI-W	4K	No. Cloud Connector required.	White
BULLET-WI-W-4K-30	4K	30 days	White
BULLET-WI-W-4K-60	4K	60 days	White
BULLET-WI-W-5MP	5MP	No. Cloud Connector required.	White
BULLET-WI-W-5MP-30	5MP	30 days	White
BULLET-WI-W-5MP-60	5MP	60 days	White
BULLET-WI-W-5MP-120	5MP	120 days	White
BULLET-WI-B	4K	No. Cloud Connector required.	Black
BULLET-WI-B-4K-30	4K	30 days	Black
BULLET-WI-B-4K-60	4K	60 days	Black
BULLET-WI-B-5MP	5MP	No. Cloud Connector required.	Black
BULLET-WI-B-5MP-30	5MP	30 days	Black
BULLET-WI-B-5MP-60	5MP	60 days	Black
BULLET-WI-B-5MP-120	5MP	120 days	Black

ORDERING INFORMATION

ACCESSORIES

PRODUCT ID	PRODUCT NAME	COLOR
ACC-WEA-SHI-B	DM1600-V Dec Weather Shield	Black
ACC-WEA-SHI-W	DM1600-V Dec Weather Shield	White
ACC-CON-BCK-B	DM1600-V Dec Conduit Back Box	Black
ACC-CON-BCK-W	DM1600-V Dec Conduit Back Box	White
ACC-ADA-PLA-B	DM1600-V Dec Adapter Plate	Black
ACC-ADA-PLA-W	DM1600-V Dec Adapter Plate	White
ACC-POL-BRA-W	DM1600-V Dec Pole Bracket	White
ACC-POL-BRA-B	DM1600-V Dec Pole Bracket	Black
ACC-CRN-BRA-W	DM1600-V Dec Corner Bracket	White
ACC-CRN-BRA-B	DM1600-V Dec Corner Bracket	Black

To learn more, visit:
www.signatectrading.co.za

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