

Manufacturer: **Hatteland Technology AS**
 Product: **HATTELAND® SeaHawk - IP Camera**
 Typenumber: **HT FBVF xA-X1**
 where x = housing material/color
 Description: **SeaHawk Bullet Varifocal IP Camera**

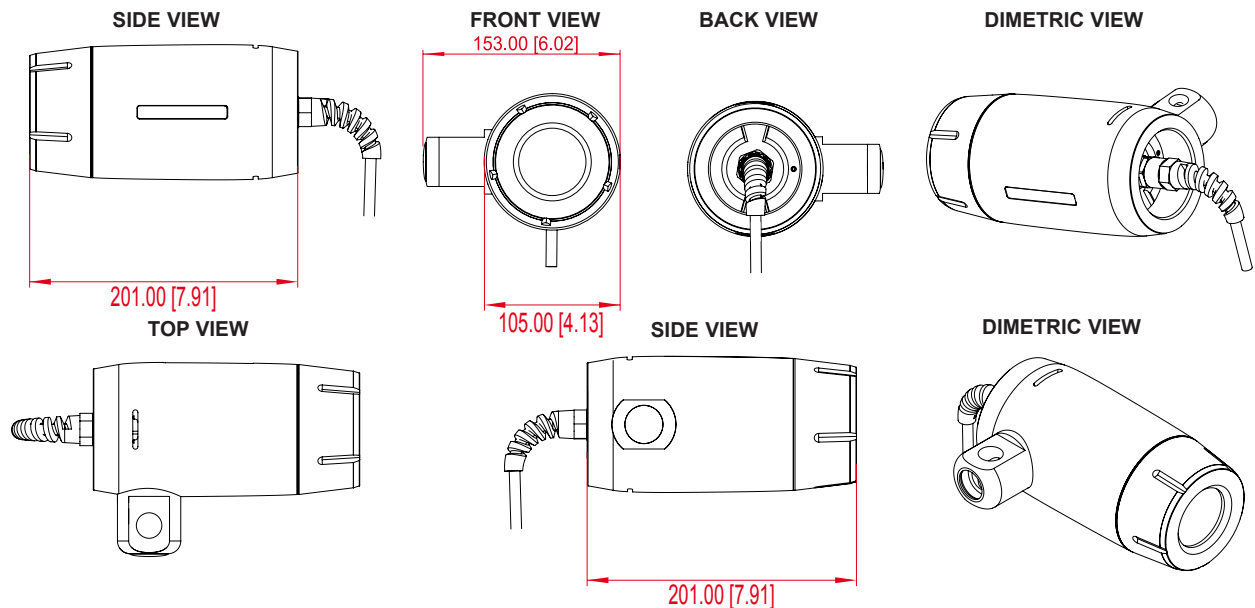
Last Revised: **14 May 2020**
 Revision#: **01**

SeaHawk Bullet Varifocal - IP Camera

Description:

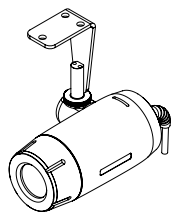
HATTELAND® SeaHawk IP Camera from Hatteland Technology is the perfect IP camera solution with full HD resolution at 30fps. The camera housing is constructed in sturdy POM material.

2.5x OpticalZoom, PoE - Power over Ethernet, Stream compression H265/H264, Motion Detection, No sharp edges, Designed to meet IEC60945 and IP66/IP67, Mounting: Ceiling/Wall, Day/night mode

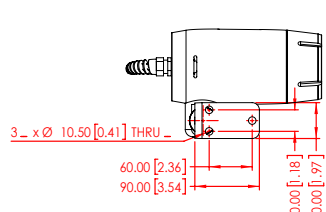


With HT MB11-AA Note: Variant of model illustration shown below

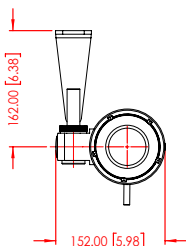
DIMETRIC VIEW
Ceiling mount



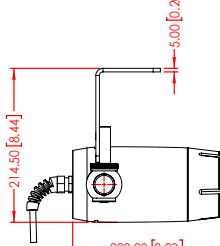
TOP VIEW
Ceiling mount



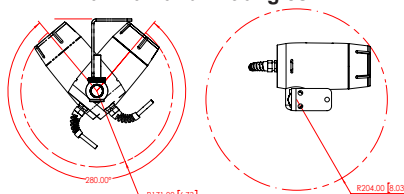
FRONT VIEW
Ceiling mount



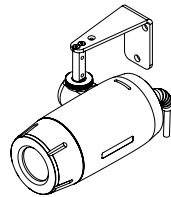
SIDE VIEW
Ceiling mount



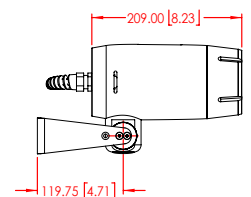
Max Pan and Tilt angles



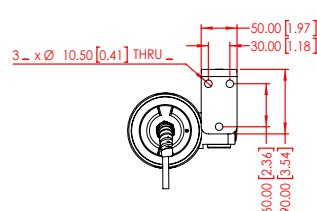
DIMETRIC VIEW
Wall Mount



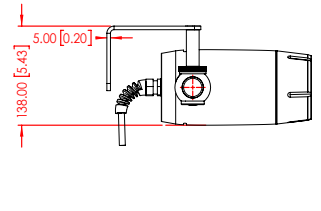
TOP VIEW
Wall Mount



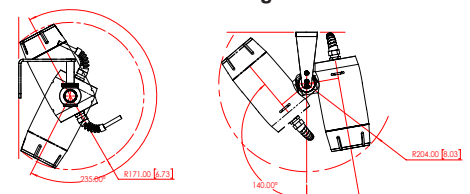
BACK VIEW
Wall Mount



SIDE VIEW
Wall Mount



Max Pan and Tilt angles



Dimensions might be shown with or without decimals and indicated as mm [inches]. Tolerance on drawings is +/- 1mm. For accurate measurements, check relevant DWG file.

TECHNICAL DESCRIPTION

Technical Specifications:

• Image Sensor	1/2.8" Progressive Scan CMOS
• Lens Type	Auto DC Iris, Varifocal lens, IR cut filter
• Zoom	2.5X (non-motorized zoom)
• Focal Length	f=2.8mm ~ 12mm
• Maximum Aperture Ratio	F1.4
• Angle of View	Wide: H: 103°, V: 74.4° Tele: H: 30.8°, V: 23.3°
• Electronic Shutter Speed	1 ~ 1/30 sec (B/W), 1/24 ~ 1/1000 sec (color)
• Flip Mode	Horizontal, Vertical
• Image Enhancement	AF, AWB, AE, NR, TDN, DSS, BLC, GAMMA, DPC, DEFOG, WDR

Video Specifications:

• Compression	H265 / H264 / MJPEG
• Frame Rate	Max 30fps @ 1920 x 1080
• Bitrate	Primary: 32Kbps ~ 16Mbps. Secondary: 32Kbps ~ 4Mbps
• Resolutions	352 x 240 ~ 1920 x 1080
• Streaming	Primary: H265 / H264, Secondary: H265 / H264 / MJPEG
• Burn-in OSD	Multi-lingual

Network Specifications:

• Interface	1 x Ethernet 10/100base-T (RJ-45)
• Protocol	IPv4/v6, TCP, UDP, IGMP (MULTICAST), ICMP, DHCP, HTTP, HTTPS, RTP, RTPS, FTP, SNMP, UPnP, WS-Discovery, Zero-configuration, NTP, DDNS
• Security	Password protection, IP address filtering, HTTPS encryption
• API	ONVIF, PSIA, MPEG-TS

Event and General Specifications:

• Event Sources	Motion, Sensor Input, Client disconnection
• Event Actions	Notification (E-mail), FTP, Alarm control, Recording
• Housing	POM (Polyoxymetylen), RAL 5012 (ring)
• Certification	Designed to meet IEC60945, IP66/IP67
• Power Supply	PoE: 802.3af via RJ-45
• Power Consumption	12W (max)
• Operating Temperature	-40°C to +65°C
• Storage Temperature	TBD

Physical Specifications:

• Dimensions	W:153.00 [6.02"] x H:105.00 [4.13"] x D:201.00 [7.91"] mm [inch]
• Weight	1.9kg / 4.19lbs
• Pigtail Cable	2.5 [8.20] m [ft], Cat5e STP, RJ-45 terminated

Contents of Package:

• 1 x HT FBVF xA-X1 (Camera)
• 1 x HT MB1x-AA (Ceiling/Wall Bracket)
• 1 x TBD

Available Models:

• HT FBVF AA-X1	SeaHawk FixedBullet Varifocal POM Black RAL TBD
• HT FBVF WA-X1	SeaHawk FixedBullet Varifocal ALU. White RAL9010

Accessories:

• HT MB11-AA	SeaHawk Bullet Ceiling/Wall Bracket ALU. Black RAL9005*
• HT MB12-AA	SeaHawk Bullet Ceiling/Wall Bracket White RAL9010**
• HT WB11-AA	SeaHawk Bullet Wall Bracket ALU. Black RAL9005***
• HT WB12-AA	SeaHawk Bullet Wall Bracket ALU. White RAL9010***
• HT CB11-AA	SeaHawk Bullet Ceiling Bracket ALU. Black RAL9005***
• HT CB12-AA	SeaHawk Bullet Ceiling Bracket ALU. White RAL9010***
• LD-001	IP67 coupler for patch cable, 2 x RJ45 female-to-female

*Included with purchase of HT ZB2X AA-X1

**Included with purchase of HT ZB2X WA-X1

***Designed to meet IEC60945