# DATASHEET

## HATTELAND TECHNOLOGY
### an EMBRON Company

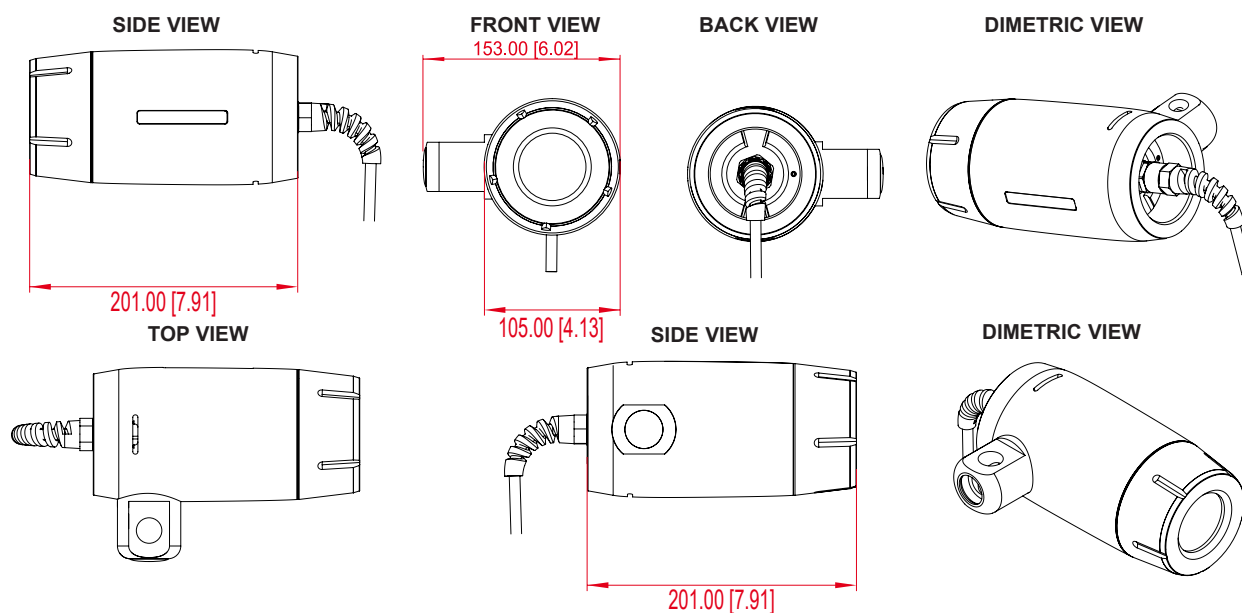| | |
|---|---|
| Manufacturer: | **Hatteland Technology AS** |
| Product: | **HATTELAND® SeaHawk - IP Camera** |
| Typenumber: | **HT ZB2X xA-X1** |
| | where x = housing material/color |
| Description: | SeaHawk ZoomBullet, IP Camera, 20 x Optical Zoom |

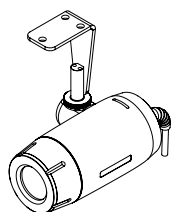| | |
|---|---|
| Last Revised: | **08 Dec 2020** |
| Revision#: | **02** |

# SeaHawk ZoomBullet 20x - 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.

20x Zoom, PoE - Power over Ethernet, Stream compression H265/H264, Motion Detection, No sharp edges, Designed to meet IEC60945 and IP66/IP67 Mounting Options: Ceiling/Wall, Day/night mode
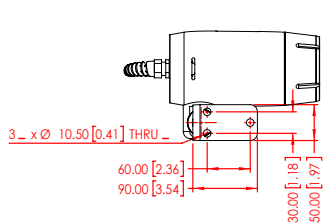
**SIDE VIEW** — 201.00 [7.91]

**FRONT VIEW** — 153.00 [6.02] / 105.00 [4.13]

**BACK VIEW**

**DIMETRIC VIEW**

**TOP VIEW**

**SIDE VIEW** — 201.00 [7.91]

**DIMETRIC VIEW**

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

**DIMETRIC VIEW** Ceiling mount

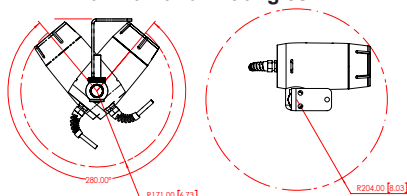**TOP VIEW** Ceiling mount — 3 x Ø 10.50 [0.41] THRU / 60.00 [2.36] / 90.00 [3.54] / 30.00 [1.18] / 50.00 [1.97]

**DIMETRIC VIEW** Wall Mount

**TOP VIEW** Wall Mount — 209.00 [8.23] / 119.75 [4.71]

**FRONT VIEW** Ceiling mount — 162.00 [6.38] / 152.00 [5.98]
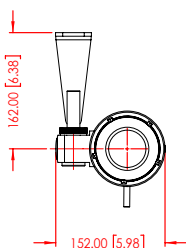
**SIDE VIEW** Ceiling mount — 5.00 [0.20] / 214.50 [8.44] / 209.00 [8.23]

**BACK VIEW** Wall Mount — 3 x Ø 10.50 [0.41] THRU / 50.00 [1.97] / 30.00 [1.18] / 60.00 [2.36] / 90.00 [3.54]

**SIDE VIEW** Wall Mount — 5.00 [0.20] / 138.00 [5.43]

**Max Pan and Tilt angles** — 280.00° / R171.00 [6.73] / R204.00 [8.03]

**Max Pan and Tilt angles** — 235.00° / R171.00 [6.73] / R204.00 [8.03] / 140.00° / 10.00°
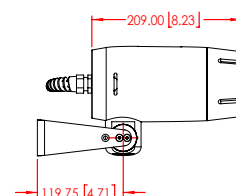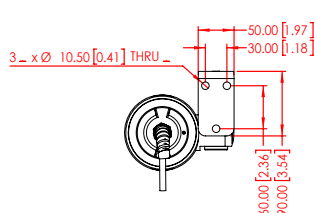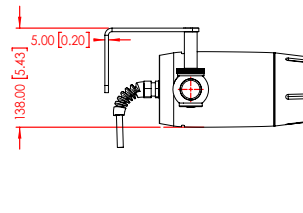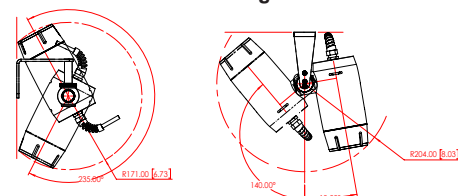
Dimensions might be shown with or without decimals and indicated as mm [inches]. Tolerance on drawings is +/- 1mm. For accurate measurements, check relevant DWG file.

# SPECIFICATIONS

Note: All specifications are subject to change without prior notice!
Please visit www.hattelandtechnology.com for the latest electronic version.

**HATTELAND TECHNOLOGY**
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# TECHNICAL DESCRIPTION

## Technical Specifications:

| | |
|---|---|
| • Image Sensor | 1/2.8" Progressive Scan CMOS |
| • Lens Type | Auto DC Iris, Zoom, IR cut filter |
| • Zoom | 20 x (optical, motorized) |
| • Focal Length | f=4.8mm ~ 57.6mm |
| • Maximum Aperture Ratio | F2.2 (wide) ~ 2.3 (tele) |
| • Angle of View | Wide: H: 64.2°, V: 37.5°<br>Tele:  H: 5.9°,  V: 3.3° |
| • Electronic Shutter View | 1 ~ 1/30 sec (B/W), 1/24 ~ 1/1000 sec (color) |
| • Flip Mode | Horizontal, Vertical |
| • Image Enhancement | AGC, AWB, AE, TDN, DSS, BLC, 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 (Polyoksymetylen), 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 | 2.0kg / 4.41lbs |
| • Pigtail Cable | 2.5 [8.20] m [ft], Cat5e STP, RJ-45 terminated |

## Contents of Package:

- 1 x HT ZB2X xA-X1 (Camera)
- 1 x HT MB1x-AA (Ceiling/Wall Bracket)
- 1 x IND105044-1 (Quick Start Guide)
- 1 x LD-001 (IP67 coupler for patch cable, 2 x RJ-45 female-to-female)
- 1 x SVN_Allen_3mm (3mm allen/hex Key)

## Available Models:

| | |
|---|---|
| • HT ZB2X AA-X1 | SeaHawk ZoomBullet 20x POM Black, RAL TBD |
| • HT ZB2X WA-X1 | SeaHawk ZoomBullet 20x 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 RJ-45 female-to-female* |

*Included with purchase of HT ZB2X AA-X1
**Included with purchase of HT ZB2X WA-X1
***Designed to meet IEC60945