

NEW

HATTELAND® SeaHawk Security & Surveillance

IP CAMERAS

Sophisticated Solutions

1/2.8" Progressive Scan CMOS, Fixed lens*,
Auto DC Iris, Varifocal lens, IR cut filter,
H265 / H264 / MJPEG, Max 30fps @
1920 x 1080, Streaming Enabled,
Ethernet 10/100base-T (RJ-45),
Multi-lingual OSD, ONVIF, PSIA,
MPEG-TS, Wisenet Wave &
Milestone API, Ceiling &
Wall Brackets*

* = selected models only

HATTELAND® SEAHAWK

The new HATTELAND® SeaHawk range of network enabled Security & Surveillance Cameras suitable for Security applications (person / area) and Industrial applications (process monitoring).



HT FBVF AA-X1

FixedBullet Varifocal



HT ZB2X AA-X1

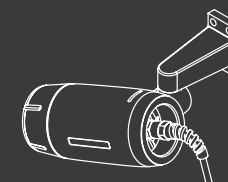
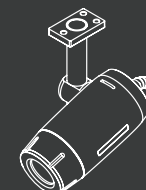
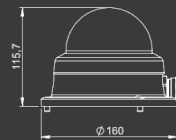
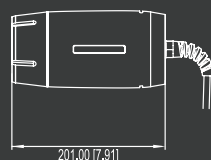
ZoomBullet 20x



HT FDFL AA-X3

FixedDome FixedLens

SPECIFICATIONS



HT FBVF AA-X1 / HT ZB2X AA-X1

HT FDFL AA-X3

CEILING BRACKET (-X1)

WALL BRACKET (-X1)

CAMERA TECHNOLOGY

	Image Sensor	Lens Type	Zoom	Focal length	Maximum Aperture ratio	Angle of view	Electronic shutter speed	Flip mode	Image enhancement
HT FBVF AA-X1	1/2.8" Progressive Scan CMOS	Auto DC Iris, Varifocal lens, IR cut filter	2.5X	f=2.8 ~ 12mm	F1.4	Wide: H: 103°, V: 74.4° Tele: H: 30.8°, V: 23.3°	1 ~ 1/30 sec (B/W) 1/25 ~ 1/1000 sec (color)	Horizontal, Vertical	AF, AWB, AE, NR, TDN, DSS, BLC, GAMMA, DPC, DEFOG, WDR
HT ZB2X AA-X1	1/2.8" Progressive Scan CMOS	Auto DC Iris, Varifocal lens, IR cut filter	20x (optical)	f=4.8 ~ 57.6mm	F2.2 (wide) ~ 2.3 (tele)	Wide: H: 64.2°, V: 37.5° Tele: H: 5.9°, V: 3.3°	1 ~ 1/30 sec (B/W) 1/25 ~ 1/1000 sec (color)	Horizontal, Vertical	AGC, AE, AWB, TDN, DSS, BLC, WDR
HT FDFL AA-X3	1/2.8" Progressive Scan CMOS	Fixed lens, IR cut filter	N/A	2.8mm	F1.8	Wide: H: 105°, V: 87°	1/1 ~ 1/10000 sec	Horizontal, Vertical	AF, AWB, AE, NR, TDN, DSS, BLC, GAMMA, DPC, DEFOG, WDR, IR LED (10pcs)

VIDEO TECHNOLOGY

	Compression	Frame rate	Bitrate	Resolutions	Streaming	Burn-in OSD
HT FBVF AA-X1	H265 / H264 / MJPEG	Max 30fps @ 1920 x 1080	Primary: 32Kbps ~ 16Mbps, Secondary: 32Kbps ~ 4Mbps	352 x 240 ~ 1920 x 1080	Primary: H265 / H264, Secondary: H256 / H264 / MJPEG	Multi-lingual
HT ZB2X AA-X1	H265 / H264 / MJPEG	Max 30fps @ 1920 x 1080	Primary: 32Kbps ~ 16Mbps, Secondary: 32Kbps ~ 4Mbps	352 x 240 ~ 1920 x 1080	Primary: H265 / H264, Secondary: H256 / H264 / MJPEG	Multi-lingual
HT FDFL AA-X3	H265 / H264 / MJPEG	Max 30fps @ 1920 x 1080	Primary: 32Kbps ~ 16Mbps, Secondary: 32Kbps ~ 4Mbps	352 x 240 ~ 1920 x 1080	Primary: H265 / H264, Secondary: H256 / H264 / MJPEG	Multi-lingual

NETWORK TECHNOLOGY

	Interface	Protocol	Security	API
HT FBVF AA-X1	Ethernet 10/100base-T (RJ-45)	IPv4/v6, TCP, UDP, IGMP(MULTICAST), ICMP, DHCP, HTTP, HTTPS, RTP, RTSP, FTP, SNMP, UPnP, WS-Discovery, Zero-configuration, NTP, DDNS	Password protection, IP address filtering, HTTPS encryption	ONVIF, PSIA, MPEG-TS, Wisenet Wave, Milestone
HT ZB2X AA-X1	Ethernet 10/100base-T (RJ-45)	IPv4/v6, TCP, UDP, IGMP(MULTICAST), ICMP, DHCP, HTTP, HTTPS, RTP, RTSP, FTP, SNMP, UPnP, WS-Discovery, Zero-configuration, NTP, DDNS	Password protection, IP address filtering, HTTPS encryption	ONVIF, PSIA, MPEG-TS, Wisenet Wave, Milestone
HT FDFL AA-X3	Ethernet 10/100base-T (RJ-45)	IPv4/v6, TCP, UDP, IGMP(MULTICAST), ICMP, DHCP, HTTP, HTTPS, RTP, RTSP, FTP, SNMP, UPnP, WS-Discovery, Zero-configuration, NTP, DDNS	Password protection, IP address filtering, HTTPS encryption	ONVIF, PSIA, MPEG-TS, Wisenet Wave, Milestone

EVENT & GENERAL

	Event sources	Event Actions	Housing	Certification	Power supply	Power consumption	Operation condition
HT FBVF AA-X1	Motion, Sensor Input, Client disconnection	Notification (E-mail), FTP, PTZ preset, Alarm control, Recording	POM, RAL 9011 / RAL 5012	IEC 60945 Pending	PoE: 802.3af	Max 12W	Pending
HT ZB2X AA-X1	Motion, Sensor Input, Client disconnection	Notification (E-mail), FTP, PTZ preset, Alarm control, Recording	POM, RAL 9011 / RAL 5012	IEC 60945 Pending	PoE: 802.3af	Max 12W	Pending
HT FDFL AA-X3	Motion, Sensor Input, Client disconnection	Notification (E-mail), FTP, PTZ preset, Alarm control, Recording	POM, RAL 9011 / RAL 5012	IEC 60945 Pending	PoE: 802.3af	Max 6W	Pending

ACCESSORIES

	Description
HT WB11-AA	SeaHawk Bullet Wall Bracket ALU. Black RAL9005 (for -X1 models only)
HT CB11-AA	SeaHawk Bullet Ceiling Bracket ALU. Black RAL9005 (for -X1 models only)
Pending	IP67 Cable connector (for all models)

DIMENSIONS & WEIGHT

	Dimensions	Weight
HT FBVF AA-X1	W:153.00 [6.02"] x H:105.00 [4.13"] x D:201.00 [7.91"] mm [inch]	1.9 Kg / 4.19 lbs
HT ZB2X AA-X1	W:153.00 [6.02"] x H:105.00 [4.13"] x D:201.00 [7.91"] mm [inch]	2.0 Kg / 4.4 lbs
HT FDFL AA-X3	H: 115.7 [4.55"] x Ø: 160.0 [6.3"] mm [inch] PENDING	1.2 kg / 2.6 lbs