

XHEAT

**INTEGRATED HEATING SYSTEM FOR
EXTREME COLD PROTECTION
CLEARS IMAGE-BLOCKING ICE AND SNOW**



SIMPLY THE WORLD'S MOST INNOVATIVE CAMERA ENCLOSURE SYSTEM

ENGINEERED FOR EXTREME COLD CONDITIONS

- ▶ Built To Withstand Extreme Cold (Down To -60°F / -51°C)
- ▶ 50-Watt Integrated Heating Element
- ▶ Nearly Indestructible Polycarbonate Construction - No Rust Or Corrosion
- ▶ Dual/Redundant 32CFM High Circulation Fans Eliminate Hot Spots While Circulating Warm Air Throughout the Camera Enclosure
- ▶ Open Cell Silicone Foam Insulation (Optional)



**THE
TEMPERATURE
STABILIZING
DIFFERENCE**
SELF-HEATING CAMERA ENCLOSURE

COMPREHENSIVE AND CUSTOMIZABLE

- ▶ Integrated Network Switch With PoE+ And 24VDC Passive PoE Ports
- ▶ Remotely Controllable Accessory Power Ports - [2] 12VDC And [2] 24VDC
- ▶ Integrate NVRs, Encoders, Routers And More With Built-In Accessory Rails
- ▶ Extended Volume (EV) Option Adds 520in³ Of Integration-Ready Space

REMOTELY MONITOR AND CONTROL

- ▶ Remotely Monitor And Control The Enclosure Via The Web Or API
- ▶ Power On/Off - 12VDC, 24VDC, PoE+ And 24VDC Passive PoE Ports
- ▶ Monitor Internal And External Temperatures And Power Loads
- ▶ Fine Tune And Adjust Internal Climate Settings

ECONOMICAL, PRACTICAL, SMART

- ▶ Melts Away Image Obscuring Ice And Snow During Inclement Winter Weather
- ▶ Painless Installation With Wall Mount Bracket (Standard) Or Pole Mount Adapter
- ▶ Power The Enclosure System Via AC Or DC

INTEGRATE VIRTUALLY ANY CAMERA

- ▶ Compatible With Almost All Cameras With A Pan/Tilt Head Under 7 Inches in Diameter
- ▶ 30-Watt PoE+, 12VDC And 24VDC Web Enabled Accessory Power Ports



AXIS
COMMUNICATIONS

SAMSUNG

ahua
TECHNOLOGY

Hanwha

SONY

BOSCH

IC REALTIME
Security Solutions

Arecont Vision

Canon

OOO OPTICS

BOLIN
TECHNOLOGY

MOBOTIX

Panasonic

BirdDog

avigilon
a Woods & Clyde Company

HIKVISION

PROTECTIVE IN HARSH ENVIRONMENTS · WARM IN EXTREME COLD

HARDWARE
DURABLE. ROBUST.
CONVENIENT.

X/HEAT ENCLOSURE

Nearly Indestructible Polycarbonate Enclosure - Protect Your Camera And Integrated Components

X|SMART SYSTEM TRAY

- ▶ Versatile Power Options, Integrated Networking, Climate Control And Remote Control Via Web Interface
- ▶ Redundant High CFM Circulation Fans (32 CFM)

INTEGRATED HEAT

- ▶ 50-Watt Heating Element
- ▶ Melts Ice And Snow
- ▶ Keeps Components Within Operating Temperatures

INTUITIVE INTEGRATION

- ▶ Easily Integrate NVRs, Routers, Encoders And Other Peripherals
- ▶ Accessory Mounting Rails For Easy Installation

POLYCARBONATE MATERIAL

- ▶ Non-Thermally Conductive
- ▶ Durable And Protective
- ▶ Doesn't Rust And Will Not Corrode

VERSATILE CAMERA INTEGRATION

- ▶ Fits Almost All Cameras With A Pan/Tilt Head Under 7" in Diameter
- ▶ Easy Camera Height Adjustment With The Included 10-32 3/8" Hex Standoffs
- ▶ Integrated Camera Power Options: PoE+, 12VDC or 24VDC

STAINLESS STEEL LATCHES

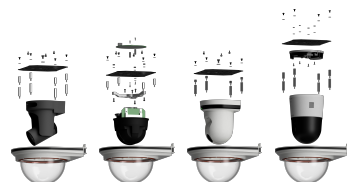
- ▶ Secure The Enclosure While Resisting Rust And Corrosion
- ▶ Padlock-Compatible To Protect Your Equipment

VERTICAL HINGE

- ▶ No-Fuss Access To Enclosure Interior For Tank Refills And Component Integration

INTELLIGENT CABLE INGRESS

- ▶ Reduce The Risk Of Water Intrusion With Cable Entry From Below

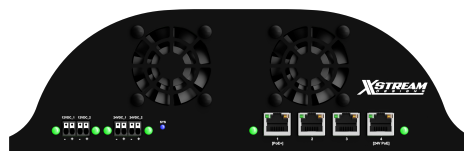


SIMPLE AND SECURE MOUNTING



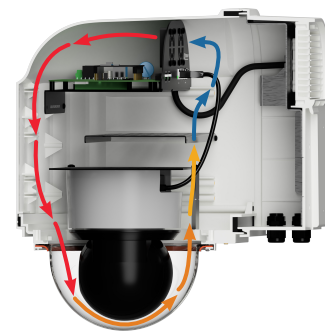
- ▶ Durable Polycarbonate Wall Mount Bracket (Optional Pole Mount Bracket Available)
- ▶ Slide The Enclosure Onto The Bracket, Fasten From The Inside With Four 1/4-20 x 3/4" Bolts
- ▶ Industry-Standard 2" x 5.5" OC Hole Pattern

X|SMART SYSTEM TRAY



- ▶ Remotely Controllable 50-Watt Heating Element
- ▶ Dual Circulation Fans For Engineered Air Circulation
- ▶ Remotely Controlled Power Inputs:
[2] 24 VDC Power Ports, [2] 12VDC Power Ports,
[1] 30-Watt PoE+ Ethernet Port, [1] 24VDC Passive PoE Ethernet Port
- ▶ Integrated Networking:
4 Port 10/100Mbps Ethernet Switch
- ▶ Flexible Source Power:
120/240VAC Standard (10-60DC Optional)

SUPERIOR AIR CIRCULATION



- ▶ Redundant 6,000 RPM High CFM (32 CFM) Circulation Fans Push And Pull Air Throughout The Entire Enclosure System
- ▶ Protects Equipment By Eliminating Hot Spots

USER INTERFACE

SIMPLE. INTUITIVE. ACCESSIBLE.

MONITOR AND CONTROL FROM ANYWHERE

Intuitively Designed For The End User - Remotely Control With The Click Of A Mouse



AUXILIARY POWER CONTROLS

- ▶ 30-Watt PoE+, 24VDC Passive PoE, 12VDC And 24VDC
- ▶ Set Connected Devices To Power Up On Startup
- ▶ Manually Power On/Off

CLIMATE CONTROLS

- ▶ Customize Temperature Settings And Cycle Times
- ▶ Control The Internal Heat Settings
- ▶ Manage Fan Settings

AT-A-GLANCE INFORMATION

- ▶ See The Enclosure's Local Date And Time
- ▶ Review Power Status Of X|Accessories
- ▶ Check Internal Temperature (Standard)
- ▶ Check External Temperature With Optional X|EXT-TEMP Accessory
- ▶ Review Current Power Input And Load

POWER AND TEMPERATURE GRAPHS

- ▶ See Power Usage And Temperature Over Time

TAILOR YOUR CONTROL PANEL DISPLAY • CONFIGURE NETWORK AND POWER SETTINGS • REBOOT AND POWER CYCLE REMOTELY

- ▶ Name Your Enclosure
- ▶ Choose Which Information Is Displayed Based On Your Needs
- ▶ Name Your Peripherals And Set Start-Up Power Options
- ▶ Integrate The Camera Stream Directly Into The Web Interface
- ▶ Customize Time, Date and Temperature Settings
- ▶ Configure Network Settings

The 'Display' panel allows users to check or uncheck various status items for display, including Heater & Pump State, Manual Reservoir Fill, Live Stream Player, Enclosure Model, Input Voltage, Input Current, Load / Watts, Fluid Level Meter, Power Graph, Temperature Graph, Exterior Temperature, and Interior Temperature. The 'Climate Control' panel allows users to select the unit of temperature (C° or F°) and set the heater to turn on or off.

The 'Accessory Power Ports' panel allows users to configure the custom name and status of various power ports (12VDC, 24VDC, PoE+, 24VDC PoE). The 'Live Stream Player' panel allows users to enter the Live Stream RTMP URI Parameters, including Host/Port, Application, Stream Name, and options for Auto Play on Page Load and Mute Audio.

The 'Network Settings' panel allows users to configure network parameters including IP Address, Subnet Mask, Gateway, DNS 1, DNS 2, and HTTP Port. The 'System' panel allows users to view the firmware version, update the firmware, reboot the system, and shut down the system.

- ▶ Review Power Usage and Temperature Graphs
- ▶ Adjust Login Credentials And Authentication Requirements
- ▶ Reboot Or Shut Down The Enclosure System
- ▶ Update System Firmware
- ▶ All X|Accessories Are Seamlessly And Automatically Integrated Into The Web Interface

SPECIFICATIONS

SHIPPING DIMENSIONS / WEIGHT

- › X|HEAT: 19"L x 15"W x 22"H - 19lbs
- › X|HEAT-EV: 21"L x 16"W x 26"H - 22lbs

INPUT SOURCE POWER

- › 120/240VAC Input Power (Standard)
- › 10-60VDC Input Power (Optional)

POWER CONSUMPTION

- › 20 Watts With Typical PTZ Camera, Heat Off
- › 70 Watts With Typical PTZ Camera, Heat On

REMOTELY CONTROLLED AUX POWER PORTS

- › [2] - 12VDC Ports
- › [2] - 24VDC Ports
- › [1] - IEEE 802.3at 30-Watt PoE+ 10/100Mbps Ethernet Port
- › [1] - 24VDC Passive PoE Ethernet Port (Wireless Radios)

ENCLOSURE OPERATING TEMPERATURES

- › -60° to 145° F (-51° to 63° C)
Temperatures Vary Depending On Integrated Components. Check Operating Temperatures Of Integrated Cameras And Components As They May Vary.

REMOTE CLIMATE CONTROL

- › 50 Watt Heating Element (Standard)
Additional 20 Watts Heat (Optional)

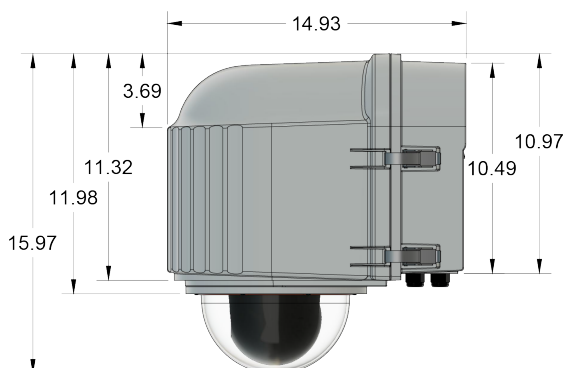
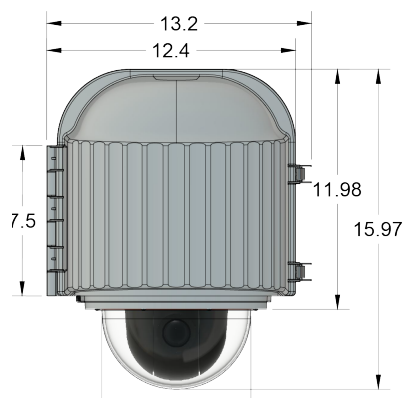
ENCLOSURE MOUNTING

- › Wall Mount Bracket (Standard)
Pole Mount Bracket (Optional)

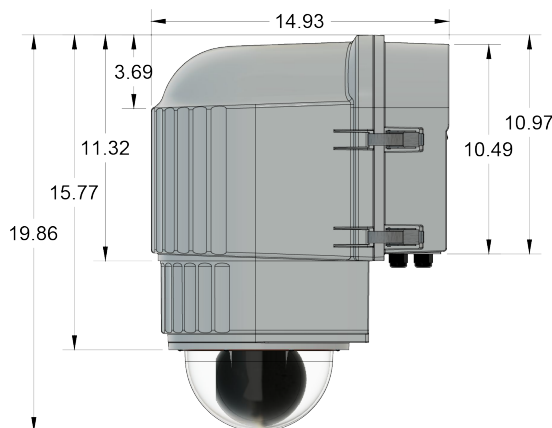
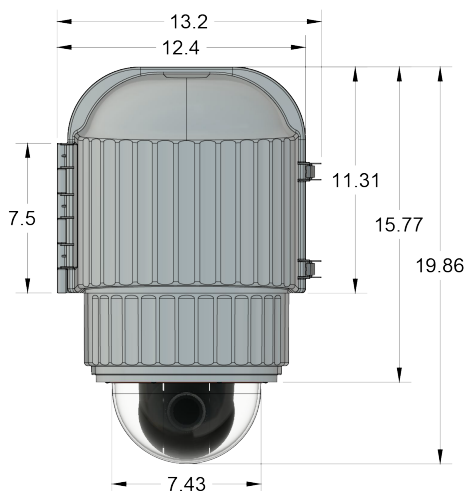
USER INTERFACE REQUIREMENTS

- › Network Connection Required
- › Compatible With All Modern Browsers
Internet Explorer Not Recommended
- › Full API Documentation

DIMENSIONS - X|HEAT (STANDARD)



DIMENSIONS - X|HEAT-EV (EXTENDED VOLUME VERSION)



UPGRADES / ACCESSORIES / OPTIONS

- › X|DC-INPUT - 10-60VDC Input Power for Solar Installations
- › X|PMB - Pole Mount Adapter with Leveling Plate
- › X|EXT-TEMP - External Temperature Probe
- › X|20WH - 20-Watt Additional Integrated Heating Element
- › X|HALF-SHELF - Accessory Shelf
- › X|NVR - i3, i5 or i7 Processor Option
- › X|ML-MIC - Outdoor Omni Directional Microphone
- › X|LLMI - Line Level Output Mic Pre-Amp / Interface



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