XHEAT

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

ENGINEERED FOR EXTREME COLD CONDITIONS

- Built To Withstand Extreme Cold (Down To -60ºF / -51ºC)
- 50 Watt Internal Heating System
- Nearly Indestructible Polycarbonate Construction - No Rust Or Corrosion
- Dual/Redundant Circulation Fans Eliminate Hot Spots
- Open Cell Silicone Foam Insulation (Optional)

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 $520in^3$ Of Integration-Ready Space

REMOTELY MONITOR AND CONTROL

- Remotely Monitor And Control The Enclosure Via The Web Or API
- Manually Trigger or Schedule Automated Dome Wipe Events
- 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 And Dome Wiping Settings
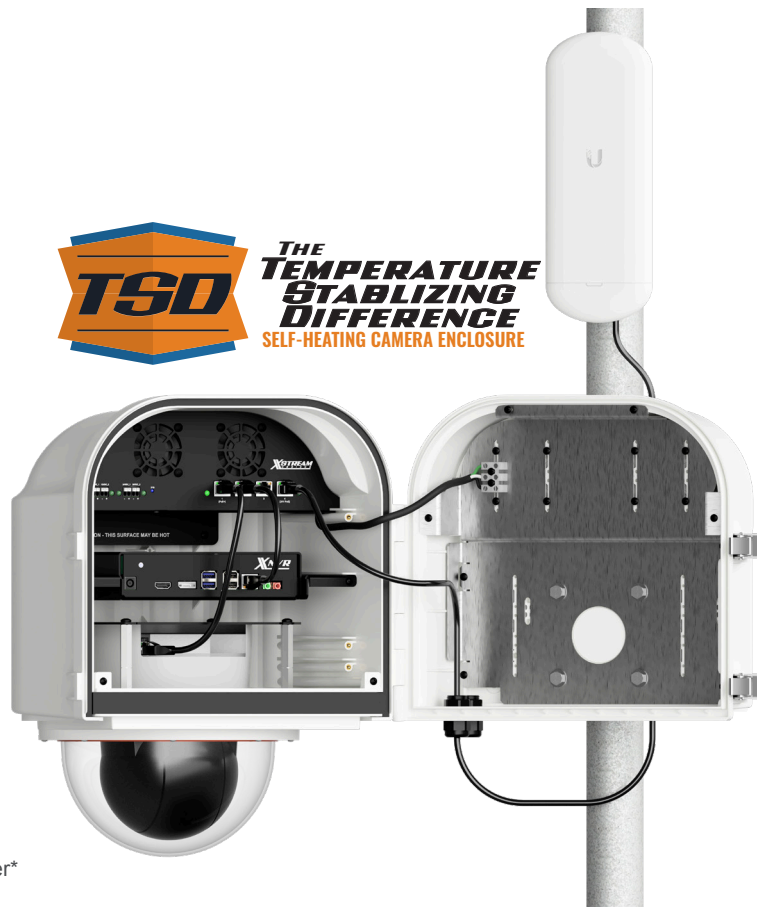
ECONOMICAL, PRACTICAL, SMART

- Trigger Wipe Events To Clean The Dome Lens During Rainy Conditions
- No More Staring at Blurry Image Quality During Inclement Weather
- Painless Installation With Standard Wall Mount Bracket Or Pole Mount Adapter*
- Power The Enclosure System via AC or DC

INTEGRATE VIRTUALLY ANY CAMERA

- Compatible With Any Camera With A Pan/Tilt Head Under A 7.25" Diameter
- 30 Watt PoE+, 12VDC And 24VDC Web Enabled Accessory Power Ports

TSD

THE TEMPERATURE STABLIZING DIFFERENCE
SELF-HEATING CAMERA ENCLOSURE

AXIS COMMUNICATIONS

SONY

Canon

Panasonic

SAMSUNG

BOSCH

OPTICS

BirdDog

PROTECTIVE IN HARSH ENVIRONMENTS · WARM IN EXTREME COLD

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

INTEGRATED HEAT
‣ 50 Watt Heating System
‣ 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 Conducive
‣ Durable And Protective
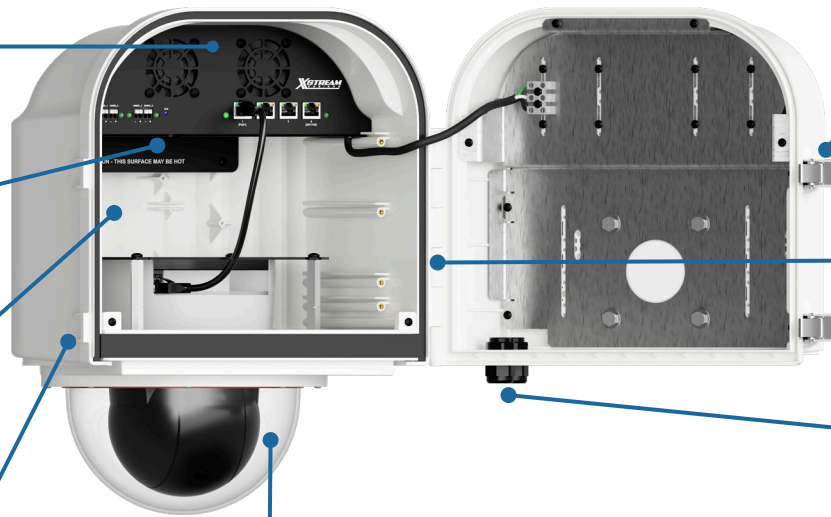‣ Doesn't Rust And Will Not Corrode

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

VERSATILE CAMERA INTEGRATION
‣ Compatible With Any Camera With A Pan/Tilt Head Diameter Under 7.25"
‣ Easy Camera Height Adjustment With The Included 10-32 3/8" Hex Standoffs
‣ Integrated Camera Power Options:PoE+, 12VDC or 24VDC

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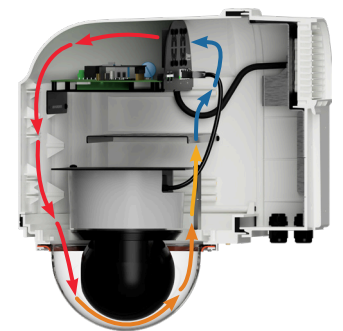
‣ Durable Polycarbonate Wall Mount Bracket (Optional Pole Mount Bracket Available)
‣ Slide The Enclosure Onto The Bracket, Fasten From The Inside With Four 1/4-20 x 3/4" Bolts
‣ Industry-Standard 2" x 5.5" OC Hole Pattern

X|SMART SYSTEM TRAY

‣ Remotely Controllable 50 Watt Heating System
‣ Dual Circulation Fans For Engineered Air Circulation
‣ Remotely Coantrolled 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 9.9 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 On Startup And Manually Power On/Off

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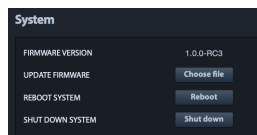- Control The Internal Heat Settings
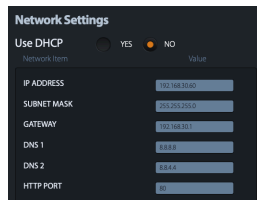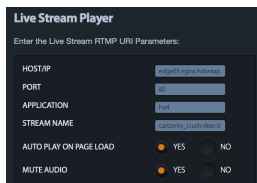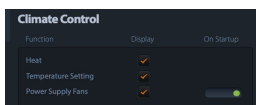- Manage Fan Settings

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

- Review Power Usage and Temperature Graphs
- Adjust Log In 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 30Watt PoE+ 10/100Mbps Ethernet Port
- [1] - 24VDC Passive PoE Ethernet Port (Wireless Radios)

ENCLOSURE OPERATING TEMPERATURES
- -60° to 145° F (-51° to 63° C)
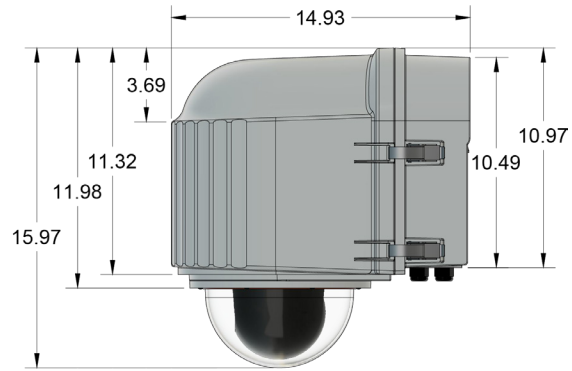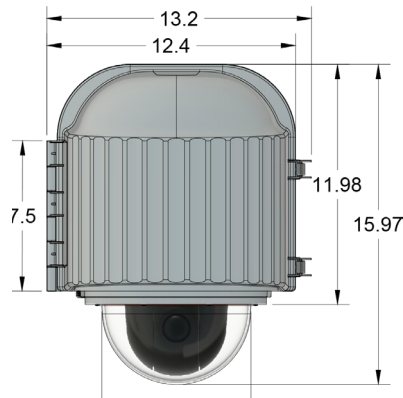 *Check Operating Temperatures Of Integrated Cameras And Components As They May Vary*

ENCLOSURE MOUNTING
- Wall Mount Bracket (Standard)
  Requires [4] 1/4-20 x 3/4" Bolts (Included) Industry-Standard 2" x 5.5" OC Hole Pattern
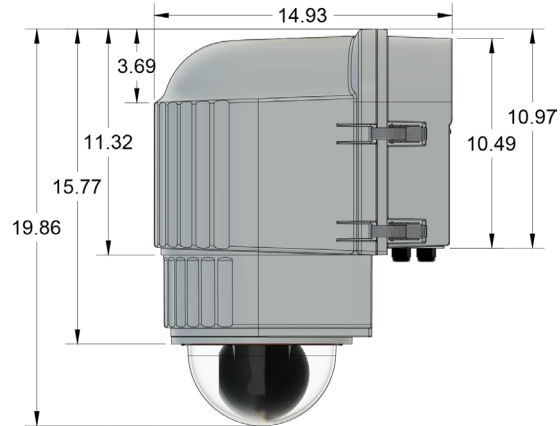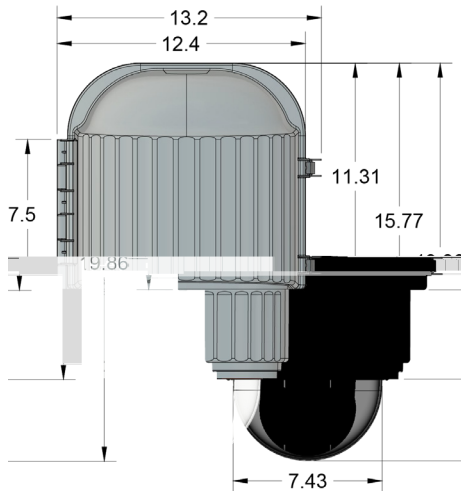- Pole Mount Bracket (Optional)

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|HALF-SHELF** - Accessory Shelf
- **X|HIGH-CFM** - High CFM Fans
- **X|NVR** - i3, i5 or i7 Processor Option

XSTREAM DESIGNS

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