Vision Recon

1080p PTZ Streaming Webcam with 20x Zoom

Stream your location in amazing 1080p

Ready to plug into any broadband using 100Mbit Ethernet

Programmable Site scan to give a tour of spots of interest

340° Pan, 100° Tilt and a 60.4° wide lens with 20x zoom gives full coverage of any location

IP68 rated all-weather enclosure

Introducing the Vision Recon. Want to show off your popular beach destination? Have a new marquee construction project you want to promote to prospective clients? This is the perfect live webcam to bring any scene to life on the internet. The housing is outdoor ready utilizing an impact resistant polycarbonate enclosure that is impervious to water penetration.

Vision Recon delivers excellent image quality and feature capability to meet the demanding needs of streaming video. With a native 2.1 Megapixel resolution (1920 x 1080) and a 20x optical zoom lens which has a Pan/Tilt mechanism that is both fast and precise, you can amazing video even when in motion. The feed is sent through the sophisticated on-board Image Processor which results in a crisp, clear video stream. The Vision Recon also features exceptional low-light performance and advanced, customizable image quality controls and settings which make it very effective in some of the most challenging installation locations.

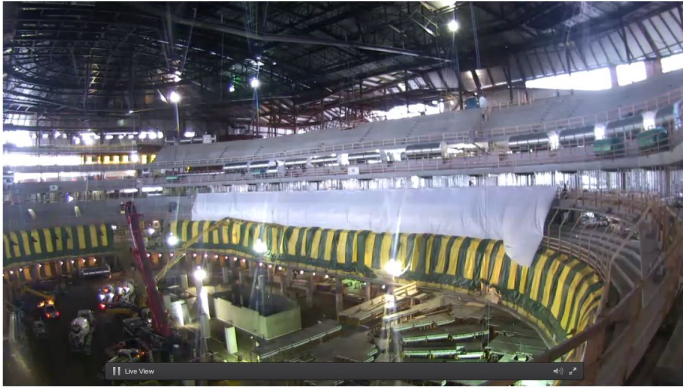| Vision Recon Features	
20x Optical Zoom with Fast and Precise Pan/Tilt Mechanism	Smart Shade Control and Auto Gain Control Limit
2.1 Megapixel (Native 1920 x 1080 Full HD Resolution)	Superb Low Light Performance
Advanced Image Processor Helps Maximize Image Quality and Minimize Power Consumption	
Powerful Network Processor Allows Simultaneous Streaming of M-JPEG and H.264 Codecs in Multiple Resolutions	

Robust, Streaming Systems for any purpose

Erdman Vision Systems are suitable for a wide range of applications, including construction site monitoring & documentation, promotional, beach, wildlife, weather and venue promotion.
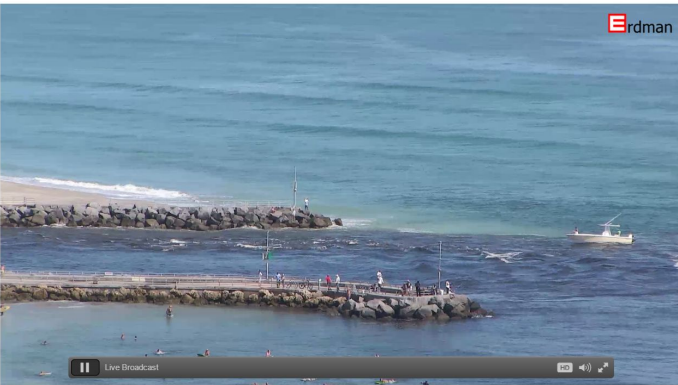
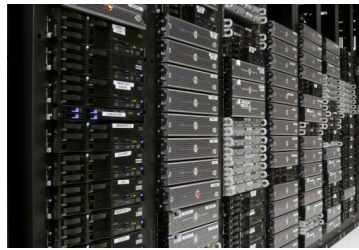| Construction	Promotional

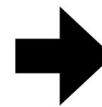| Beach	Wildlife, and Weather

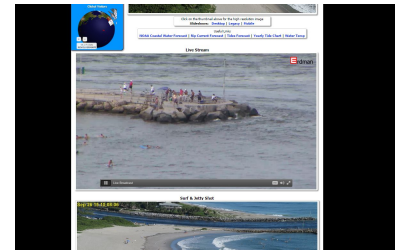One or more streaming cameras on AC or Solar Power

Server ingests streams from camera

Erdman Server Platform

Server Broadcasts video to any number of users

Embed the stream on your site for your viewers, or view on Erdmans HTML5 desktop and mobile slideshows

Technical Specifications - Vision Recon

Overall System Spec	
Housing	Dim: 14.94"(L) x 11.66"(W) x 13.37"(H) Material: UV stable polycarbonate Weatherproofing: IP68 rated Color: White **Upgrades:** Cold weather package adds a heater/blower and foam insulation (see below)
Mount	Aluminum Pole, Wall, or Parapet **Upgrades:** non-penetrating roof mounts available (see below)
Power Input	100-240v AC input @ 0.25A 3 prong plug with 8ft cord **Upgrades:** Solar power kits available (system can be powered by 12v regulated DC input)
Internet	100Mbit Ethernet port **Upgrades:** WiFi point-to-point kits available WiFi client kits available Cellular Data modems and plans are available

Camera Specs	
Video Size	Video size - 1920 x 1080 pixels
Sensor Format	Video Sensor Format - 1/3 Type CMOS
PTZ Range	340° Pan range (±170°) 100° Tilt range (-90° to +10°)
Video Aspect Ratio	Video aspect ratio - 16:9
Horizontal Viewing Angle	Horizontal View Angle - 60.4° - 3.2°(20x zoom)
Vertical Viewing Angle	Vertical View Angle - 35.1° - 1.8°(20x zoom)
Auto Features	Auto Focus & Auto Exposure
Filters	Auto IR Cut filter
Video Codec	Video Format - H.264 or MJPEG
Ports	100Mbit Ethernet port 3.5mm Mono Audio Input **Upgrades:** add a microphone input to add audio to your video feed
Power	Ultra low power consumption at only 8.6W

Drawings and Dimensions

Camera housing	Pole Mount