



# Who is HD Relay?



HD Relay is the leading remote IP video monitoring solutions provider for managing, hosting, and maintaining live streaming video camera systems.

HD Relay live camera streaming systems have been meeting the needs of tourism and destination industries for more than 19 years. We strive to continuously improve the technologies available and offer the best solutions for live stream marketing, maintaining recorded video, monitoring on-site activities and more. If you need a professional, all environment ready, durable live hardware system to market your resort or destination, you have come to the right place.

Headquartered in San Diego, California, HD Relay is dedicated to providing advanced IP video streaming solutions and remote management tools for network camera hosting. HD Relay has been designing professional remote camera solutions since IP network cameras were first introduced in 1997.

#### **Management Team:**

Will Ferris CEO
John F. Bello Sales Manager
Don Carmichael Controller
Matthew Britton Support Manager
24/7 Hotline Support

will@hdrelay.com john.bello@hdrelay.com don@hdrelay.com matthew@hdrelay.com help@hdrelay.com With a customer base consisting of hotels, retail stores, beach resorts, ski resorts, golf courses, daycares, amusement parks, local and federal government, and various web attractions, we have developed all the necessary skills and experience required to offer an unrivaled remote managed network camera hosting service.





HD camera feeds are multiplied, protected, recorded, and enhanced along our Relay network.

New server sites added every year



# Professional photography meets business class marketing with 4K images 24/7

Business class tourism means marketing images Day or Night. Stunning 4k live shots 24/7 with 35mm ISO 409600 Exmor sensors. State of the art Sunrise to Sunrise imaging. Put your location in the best possible "light" with HD Relay's full color at night technology.

Live 4K images, Time-lapse, Streaming, Recording, Security, Social media sharing, and more.

## **Need it storm proof?**



IP68
No Ice
Ring of Fire Protection Kit
Created in the mountains
for the mountains

## **Business Facebook Live** Events or Daily



## Facebook Live Camera Streaming

- · Facebook Live from any HD Relay Camera
- World-class Customer Service & Reliable 24/7 Support
- Give Your Viewers Control Over the PTZ Camera
- Facebook, Local, and Remote Recording

www.hdrelay.com



More destinations than ever are using live HD camera technologies to promote, educate and localize their location, product or service to the world. Hosted live streaming and time-lapse are similar to having your own broadcast cable channel and online marketing group all in one. The difference is that with HD Relay it's 100% your brand. Simply add HD Relay service to a new or existing IP camera or Webcam and we take care of the rest.

Go Beyond

Just Streaming





# What is HD Relay Service?



**Live Panoramic** 



**Rewind & Timelapse** 



**Pan Tilt Zoom Control** 



Social Media Bonus

Controlled Cameras Panoramas

Auto-Generated Cloud Recording Local Camera Stats/Usage Reports Social Media Integration

Video a Image HD Archives

Weather Widgets

Email, Sharing, and Downloading























# HD Relay camera services exist for a simple reason – Live Cameras are a profoundly effective marketing tool.

HD Relay's professional camera hosting services empower your marketing, IT, and Web team with live streaming content. Our team is located in San Diego, CA. As an on demand workforce, we are ready to help 24/7 for managing and assisting with all aspects of live camera operations which means we work for you when you need us. We provide services for our clients cameras all over the world. Our objective is to keep our service relationship simple – our services are already included in your low monthly hosting fees so there are no extra fees when your team needs us. Our services allow you to reduce or omit additional employee overhead associated with a DIY camera server or other headaches that often present themselves in professional marketing and live camera operations. In fact, if you need any assistance with camera changes, updates, advanced hardware replacements, logos additions, or even a Facebook or You Tube Live event pushed to your team, simply call or email us and we are ready to help.











Hands down the most feature rich and advanced live streaming services on the market.

– Jonathan Davis, Perfect North Slopes













## Live Service Packages





#### IC|HD Features:

- Live Streaming 1080p
- Instant 7 Day Rewind
- Fast Forward Playback
- 5 Minute Timelapse
- 7 Day Security Video

# ICHD\*+ Interactive Cameras in High Definition



## **Biggest**

#### IC|HD + Features:

- New 30MP Fullscreen
   Panoramic Time-Lapse (with our without auto panning)
- Live Streaming 1080p
- Instant 3 Day Rewind
- Fast Forward Playback
- 5 Minute Timelapse
- 7 Day Security Video

# **4K** Beauty Shot





## Best

#### 4K Beauty Shot Features:

- New 4K Panoramic Time-Lapse (with our without auto panning)
- Live Streaming
- Instant 7 Day Rewind
- Fast Forward Playback
- 5 Minute Timelapse
- 7 Day Security Video

# Starting as low as \$299/month

# The most advanced live camera streaming platform!



## **Always Included Features:**

- AdServer
- Security Video 7 Day
- Logos on screen
- 100% managed service and support
- Live Audio (capture your locations ambiance)
- Pre and Exit rolls
- Fullscreen panorama
- · Go to live HD stream
- PTZ Control (requires PTZ camera)
- Onboard storage for redundancy
- Social media ready

- Facebook ondemand
- Sunrise / Sunset tracker
- Weather widget
- Download video
- Mobile upgrades and features
- And more!

## **Live Service Packages**

## IC HD Website cameras that make an impact

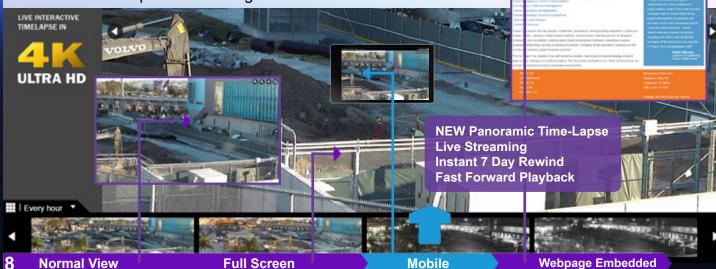
- Camera Controls
   Live Streaming
   7 Day Online Instant Rewind
   Fast Forward Playback
- Built-In Sunrise and Sunset Preset Functions Intro and Exit Video Ads and AdServing for DFP Logo Overlays and More

Our most powerful package! You get the best of what HD Relay has to offer for one low price! IC|HD Live Streaming, IC|HD 7 Day Online Storage for Instant Playback/Rewind, and IC|HD Fast Forward Playback for up to 1,000 times video playback speed. PLUS Built-In Sunrise and Sunset Preset Functions! VAST AdServer Included.





Ultra High Definition Auto Image Capture • Camera Controls • Live Streaming • 7 Day Online Instant Rewind • Fast Forward Playback • Built-In Sunrise and Sunset Preset Functions • Intro and Exit Video • Ads and AdServing for DFP • Logo Overlays • and More We took our best streaming platform (IC|HD) and made it even better! Now you can show off your location with full screen 30MP panoramic images.

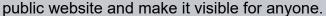


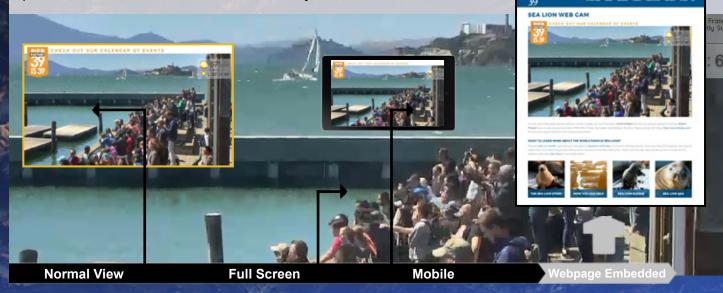
## **Live Service Features**

## **Professional Live Streaming 24/7 Feature**

 Live Streaming
 Time Stamping
 Security Monitoring
 Intro and Exit Video Ads and AdServing for DFP . Logo Overlays . and More

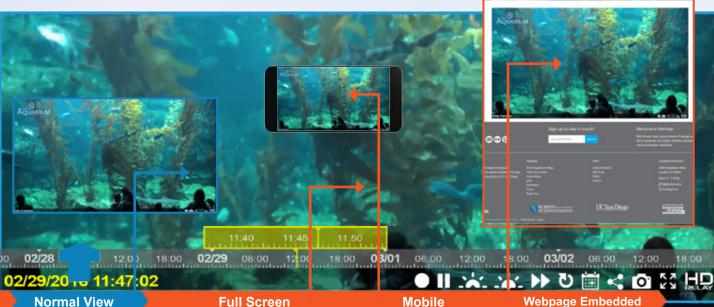
Live streaming allows you to promote and view your location in real-time from anywhere with Internet connection. You can also embed your live feed on any





## **Basic Cloud Storage Instant Rewind Feature**

 Downloadable Video
 Easy Time Navigating Customizable Players with Start and Stop Video Segmenting for Video Downloading . Video Recording, Storage, & Instant Playback • Playback Availability: 24 hours, 3 days, 7 days, 1 month, or 1 year • 5 Year Offsite Storage Options



**Full Screen** 

**Mobile** 

## **Live Service Features**

## **Interactive Timelapse Feature**

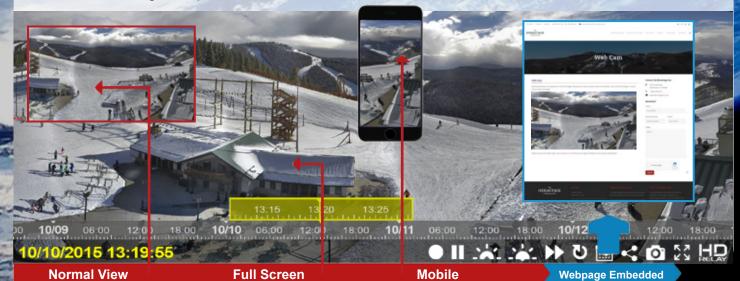
• Downloadable Images • Timelapse Video Creation • Easy Time Navigating • Gestures on Mobile Devices • Pan, Tilt, Zoom, Crop • Customizable Players • and More Interactive images in high resolution. You can pan, tilt, and zoom from any control center or web browser via our easy-to-use interface. From the control center, view timelapse images or download user selected timelapse video or image intervals.



### **Fast Forward Playback Feature**

Fast Forward Playback\*
 Video Based Fast Forward Playback: From 30x up to 1,000x Playback
 Speeds
 Intro and Exit Video Ads and AdServing for DFP
 Logo Overlays
 and More

Video based Fast Forward Playback speeds from 30x up to 1,000x depending upon camera type. \*Online Recording is required for this service.



## Live Service Features

## Gigapixel Full Page Panoramic Auto Capture Feature

 Downloadable Images
 Timelapse Video Creation
 Easy Time Navigating
 Gestures on Mobile Devices • Pan, Tilt, Zoom, Crop • Customizable Players • and More

Set your HD Relay camera to take panoramic ultra HD images at every 30 minute, 1 hour, 5 hour, 12 hour or 24 hour interval. Each image can be downloaded as a 17280x3240 JPG photo.



11/07/2014 15:00:03 -0600

**Normal View** 

**Full Screen** 

Mobile

Webpage Embedded

Give Your Viewers Control Over Your Live Camera Or Limit What They See Feature



## **Essential Hardware** With PRO



The most trusted name in outdoor live camera systems made easy with video recording, interactive images, timelapse, and a whole lot more in 1080p High Definition.

#### 1080p Wide Angle LIVE Cameras

- 1080p
- Up to HD 1920x1080
- · Superb Video in 2MP
- 30fps Max
- 12VDC-32
- 4 GB Additional Memory
- · All Mounts Included
- H.264, MPEG-4, MJPEG
- 30fps Max

#### **PROTip:**

Dual Purpose Wide Angle
Camera and Housing - Installs up
close in a crowded area with no threat
of vandalism or theft. Can be installed
in a remote part of your location for a
wide angle view of your property!



#### 1080p Long Range LIVE Cameras

- 1080p
- Up to HD 1920x1080
- 4.42 ~ 142.6mm Variable Auto Focus
- 32x Optical Zoom & 16x Digital Zoom
- 12VDC-32
- 4 GB Additional Memory
- All Mounts Included
- H.264, MPEG-4, MJPEG
- 30fps Max

#### **PROTip:**

With a 32x zoom capacity, you can see the grains of sand along a beach from a quarter mile away!



## 1080p PTZ (Pan-Tilt-Zoom) LIVE Cameras

- 1080p
- Up to HD 1920x1080
- · Superb Video in 2MP
- 30x Optical Zoom
- ONVIF
- 12VDC-32
- · 4 GB Additional Memory
- All Mounts Included
- H.264, MPEG-4, MJPEG
- ONVIF
- · 30fps Max

#### PROTip:

Give your viewers complete control over your live camera! With this PTZ package your audience can zoom in/out, pan left/ right, and even tilt up/down.





\*Cameras and hardware shown in the images above may differ depending upon the camera resolution type selected.

## **Specialized ProBuild Outdoor Solutions**

 Cooldome<sup>™</sup> with Active cooling for hot and desert climates
 Ring of Fire with De-icing against snow • Saltwater Proof • Theft Protection • And more!

## 20MP Ultra High Resolution Live Photography

Professional photography meets business class marketing with 4K images 24/7. Business class tourism means marketing images Day or Night. Stunning 4k live shots 24/7 with 35mm ISO 409600 Exmor sensors. State of the art Sunrise to Sunrise imaging. Put your location in the best possible "light" with HD Relay's full color at night technology.

- Stunning 4k Still Images (3840p)
- Up to Approx 5,971x3,359
- 4.42 ~ 142.6mm Variable Auto **Focus**
- 5-200x Optical Zoom & 16x Digital Zoom
- 12VDC-32
- 4 GB Additional Memory
- All Mounts Included
- H.264, MPEG-4, MJPEG



Variety of zoom lens options available



Where Professional Photography meets Continuous 4K images 24/7!

Call us for details! (866) 883-8717

## **Specialty Systems**



**Desert and High Heat Camera Hardware** Packages (Cooled)

1080p Hardware Only Sample Pricing Camera PTZ Long Range Wide Angle



Ski Resort and Cold **Weather Camera Hardware Packages** (De-icing)

**MSRP** \$5.629 \$2,179 \$1,579 Sale Price \$4,503 \$1.726 \$801



Camera PTZ Wide Angle Long Range **MSRP** \$5,020 \$2,500 \$1,579 \$1.823 \$675 Sale Price \$3,999



**Hot and Humid Camera Hardware Packages** (IP68 Twin Fan)

Camera PTZ Long Range Wide Angle MSRP \$2,300 \$4,874 \$1,579 \$1,714 Sale Price \$3,900 \$675



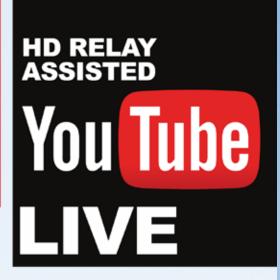
**Beach and Marina** Camera Hardware Packages (IP68)

Camera PTZ Long Range Wide Angle **MSRP** \$4,815 \$2,300 \$1,579 \$1.703 Sale Price \$3.852 \$672

See Page 16 for Snow Stake Kits and see page for 17 for Water Monitoring Kits

## **Business Ready HD Relay** Assisted YouTube Live Camera Streaming

- YouTube Live from any HD Relay Camera
- World-class Customer Service & Reliable 24/7 Support
- Give Your Viewers Control Over the PTZ Camera
- YouTube, Local, and Remote Recording





Published by HD Relay [?] • April 29 at 7:04pm

One of the Most Recognized & Revered Golf Courses in the World. Since 1919, the awe-inspiring beauty, spectacular setting and celebrated challenges of Pebble Beach Golf Links have thrilled golfers and spectators alike. With its rugged coastline, cliff-side fairways and sloping greens.

71,753 people reached

## Remote Uplink

## **Optional**

24/7 internet access with our Bandwidth Anywhere Kits providing an "always on" internet connection for your camera.

Need a quick portable connection?

The HD Relay Bandwidth Anywhere Kit provides 24/7 always on internet connection for all live cameras. The Bandwidth Anywhere Kit is compatible with all HD Relay Camera Hardware Packages. Our Bandwidth Anywhere Kit uses lightning fast 4G LTE connectivity providing speeds of up to 10x that of 3G connectivity. HD Relay live cameras produce high resolution

images and live streaming requiring data services to be reliable and always connected. Once you power your HD Relay live camera it will automatically connect the cellular

























Keeping your remote location camera connected to the internet 24/7.

Cellular service \$49/mo plus Complete Kit \$992

Reg. \$99/mo

## **Camera Accessories**

## **Optional**

Camera Lens Cleaning, Solar Power, Pole Mounts, and More.

#### **Lens Cleaning Tool**

Camera Cleaning Solution



#### **DomeCleanerPRO**

Indoor/outdoor camera cleaning tool series from Dotworkz

- · No Ladder or Lift Equipment Needed
- · Cleans From Ground Level
- · Quick and Easy Cleaning
- · Light Weight Carbon Fiber
- · Shipping Worldwide



25 Foot Series (DW-PKG25-PRO) MSRP. \$397

**40 Foot Series** (DW-PKG40-PRO) **MSRP.** \$779

#### **Outdoor Mounts**

Pole Mount, Angle Correction Plates, Corner Mounts, Parapet Arms, and More



Starting at \$47 Reg. \$87

#### **Solar Kits**

Need power where there's none? We got you covered.



**Call for a free quote** (866) 883-8717

## Heavy Duty Shield Kits

Heavy Duty Extreme Impact Kits



Starting at \$699 Reg. \$799

## **Professional Resort Snow Stake Kit**

Engineered live camera streaming solutions for snow reporting in 720p or 1080p high definition crystal clear image/video quality, ice proofing, and fail proofing in all winter conditions.

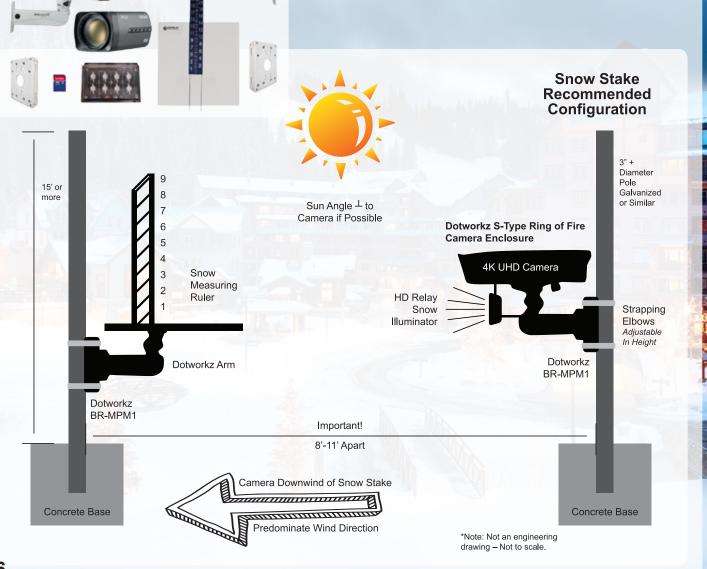
Real time and recording time lapse of snow accumulation - Visually connects the live snow conditions with skiers, TV news, and social media outlets. HD time lapse camera designed for provisional results in low to flat light conditions - System includes cold weather remote control board spectrum LED light source. Rugged de-icing outdoor camera "Ring of Fire" housing - We are cold weather camera experts! keeping your camera reliable is our job. Dedicated snow camera support - From camera set up to assisting with live system tuning and monitoring. Service Plan option - Multiple equipment and service options.

## **Snow Stake for Cold Weather Camera Hardware Packages**

Designed and proven for mountain or cold weather environments to protect and remove rime ice and frost from obscuring camera field of view while insuring the camera never ices over (IP68). The camera housing will not rust or corrode and provides 65 Watts of de-icing power we call the "Ring of Fire".



www.HDrelay.com/SnowStake



## Research Monitoring/Recording Kit

Engineered live camera streaming solutions for water monitoring in 720p or 1080p high definition crystal clear image/video quality, all weather proofing, and fail proofing in all conditions.

Real time and recording time lapse of stream flow - Visually connects the live water monitoring conditions with government agencies, public awareness, TV news, and social media outlets. HD time lapse camera designed for provisional results in low to flat light conditions - System includes all weather remote control board spectrum LED light source. Heater & Blower - The 5 watt heater and high blowing fan system provides the ideal internal environment. Dedicated water monitoring camera support - From camera set up to assisting with live system tuning and monitoring. Service Plan option - Multiple equipment and service options.

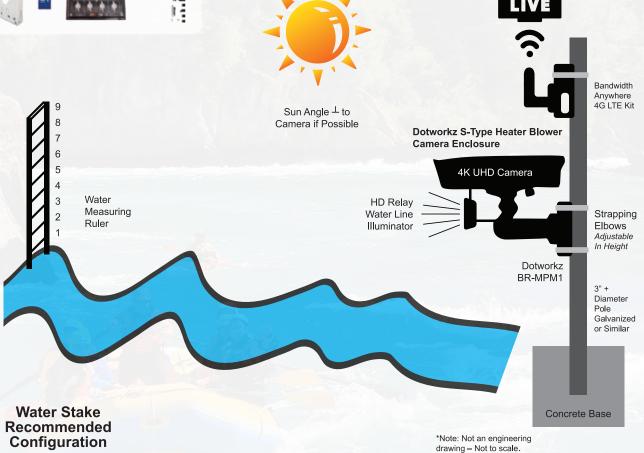
## Water Monitoring for All Weather Camera Hardware Packages

Designed and proven for temperate outdoor climates. This IP68 outdoor system will keep your live outdoor camera looking good and fog free. Will not rust or corrode and protects your LIVE Camera with a 10 Watt heater and high flow fan system and powering convenience of the Dotworkz MVP system.





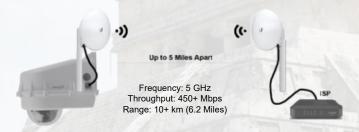
www.HDrelay.com/ResearchKit



## **Point-to-Point Wireless Network Kit**

We remove the network cable between your ISP and your live camera.

With over 5 Miles between the 2 antennas, the need for extensive and expensive network cabling, repeaters, and switches are no longer the physical barriers separating your business from streaming live content around the world. We utilize Ubiquiti's NanoBeam wireless antennas to provide an easier installation and a trouble free always-on network connection between the live camera and the ISP. Incorporating innovative industrial design with proprietary airMAX® ac technology, the solution is ideal for CPE deployments requiring maximum performance from the smallest possible footprint with excellent beam directivity providing the best performance in high-noise environments. These antennas mount to a variety of surfaces including poles or walls, and offers the freedom of three-axis alignment. No screws are required for pole-mounting, and only a single wall screw (not included) is required for wall-mounting.



## **Battery Camera Kit** (Portable)

Drop a live camera anywhere with HD Relay's "Battery Cam" live camera kit.

This kit is designed to be placed anywhere at your location with no power requirements. Add as many battery cameras as you want to promote your location. The live HD camera is protected from the waterproof, corrosion proof, vandal proof, and all weather proof BASH™ camera enclosure. The

BASH™ housing mounts securely to a 3' pole that's mounted to the Torklift Polished Aluminum Solar Powerarmor Dh. This battery system provides both 6 and 12 VDC power to the camera. Made of high-quality materials to provide power to the live camera for years to come. Designed using state-of-the-art technology and with ruggedized applications in mind, this product will last a lifetime. During the day the battery charges via the embedded solar panel while simultaneously powering the low wattage live camera. This battery system can also power the live camera all night. The built-in inverter provides safe electrical discharge to eliminate the risks of overcharging. Use our "Point-to-Point Wireless Network Kit" and extend the range these battery cameras up to 5 miles away from your ISP connection.



Provides power to your live camera all day and night!

## **Live Audio Kit**

Live HD Audio Streaming - Superior Audio Support for the Best Live Presentation Possible.



Live Audio in



**ADD AUDIO** TO YOUR LIVE STREAM

Audio is a highly effective option that brings an added uniqueness to live cameras and your website. Our engineering team has fine tuned an audio kit that sounds incredible at a very affordable price. For optimal viewing experience, we recommend directing the microphone at nature's harmonic sounds such as birds, the ocean, rain drops, or crowd noise, connecting your viewers with greater dimension.

HD Relay offers audio encoding of 160Kbps for a music event and 96Kbps for speaking or nature sounds. A single stream would typically use the AAC audio codec and for obvious reasons the higher Kbps the higher quality of audio streaming you'll provide. Remember, you want to find the perfect balance between bandwidth requirements and audio quality. HD Relay has experience spanning as far back as 1998 and can provide you with recommendations

for any location.

KT-MIC by Dotworkz
Engineered for crystal clear outdoor live audio monitoring and recording.

- Extreme weather ready IP66 microphone.
- No power or special grounding required.
   Acoustically designed for live recording.

- Works with all network and CCTV cameras
   Easy install mounts in minutes.
   Can be added to existing outdoor cameras.

## **Solar Power Solutions**

Custom solar/remote power solutions for live IP cameras including remote stand-alone solar powered kits.

Using Dotworkz technology, HD Relay has developed a complete turn-key remote solar power solution which allows for both easy installation and reliable long term performance. The systems have been engineered to protect and power sensitive video hardware that requires a consistent remote power source. HD Relay's solar power systems are uniquely built for five days of autonomy, enabling our solutions to run without solar input during extended periods of harsh weather or extreme cloud cover. This is distinctive to the majority of solar hardware on the market which is sold for non-mission critical applications or as a backup power source. These generalized applications operate for only 24 hours without sunlight so corners can be cut in battery materials, life cycles and panel







#### Components:

- Solar Modules 185w-255w+
- Module Mounting brackets
- Module cabling kit (-48°C/ 21°C)
- AGM Batteries
- Enclosure NEMA 3R
- 1 20 amp MPPT Charge Control 2 - Fuse and 1 Breaker system
- 1 Load cabling kit
- Pre-wired, Plug and Play Ready

Purchase of Required HD Relay Service Plan - Please choose a service plan that best meets your needs.

## **ProBuild service**

## **Always Included!**

We build and configure your camera system for you.

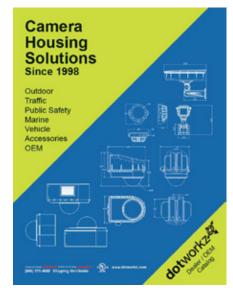
Every HD Relay camera client has different project needs which is why we developed our ProBuild camera hardware solution service group. With ProBuild you get more than just a camera from HD Relay. Each system piece of our live camera hardware is custom configured, tested, set up, packed up, and post install calibrated to insure quality and networks are optimum. Since ProBuild is included with your HD Relay hardware package there are no additional fees.

HD Relay ProBuild reduces install time - typically our customers can save a few hours or even days depending on system complexities. Since every camera system is built to order and pre-configured to your project, your team(s) installation is generally as easy as unpacking, securely mounting in place, connecting power, attaching the network cable, and then simply calling us to finalize the camera system. With ProBuild on the job, the camera install can be greatly simplified; reduced onsite labor needed while still keeping your local team involved and in the know if anything goes wrong later.

Plug-n-play: Just add power and internet.

Included with all HD Relay hardware \$450 value





## **Case Studies**

**Get over a Million and a Half** Viewers in 12 months!



#### **Tourism Site in San Francisco**

652.790 total camera viewers for 12 months 54,399 average monthly viewers



#### Hampton Beach in New Hampshire

707,102 total camera viewers for 12 months 58,925 average monthly viewers http://www.hamptonbeach.org/beach-cam/



## **Elephant Sanctuary in Tennessee (3 Cameras)**

1,572,439 total camera viewers for 12 months 43,679 average monthly viewers per camera https://www.elephants.com/elecam



#### Pebble Beach Golf Courses (5 Cameras)

1,278,900 total camera viewers for 12 months 21,315 average monthly viewers per camera

https://www.pebblebeach.com/golf/pebble-beach-golf-links/live-golf-cams/





#### Mountain Resort in Colorado

869,090 total camera viewers for 12 months 72,424 average monthly viewers



(866)883-8717

# Why HD Relay

HD Relay is the leading remote IP video monitoring solutions provider for managing, hosting, and maintaining live streaming video camera systems.

#### **Lifetime Warranty on all Camera Hardware**

All HD Relay Camera Hardware Packages Come With A Lifetime Warranty With Active Service.

#### Support & Training

We have live camera specialists ready to help.

### **Consulting & Engineering**

Our qualified staff is ready to help customize and design a live camera system that meets your needs.

#### **ProBuild**

We get your next camera system online faster and without the headache.

#### **Availability**

World Wide Shipping

#### Contact Us

(866) 883-8717 info@hdrelay.com

#### Shipping Address

3688 Midway Drive San Diego, CA 92110

#### Support

help@hdrelay.com (619) 270-8417

CALL FOR SPECIAL **VIP PRICING** 























#### **Money Back Guarantee**

From hardware to service, if you're dissatisfied with any HD Relay product or service, simply call us at (866) 883-8717 and we can refund your money anytime. We mean every word of it - Whatever the reason, whenever it happens, always.

