

W21IP High Definition IP Camera

Superior Hi-Definition Imaging.



Key Features & Benefits

- 720P (1280 x 720) @ 30 fps
- True WDR - Wide Dynamic Range
- IP 67 - Dust and Water Proof - For Mounting On The Exterior Of A Vehicle
- No Microphone
- 12 IR LEDs for Capturing Video in Complete Darkness
- Fixed Lens With Auxiliary Bases Included To Allow 0°, 5°, 10° and 15° Aiming
- Power via POE
- Anti-Vibration / Rugged Vandal Resistant Metal Housing
- Industry Standard RJ45 Network Connection
- "Fast Set Up" when used with Gatekeeper G4 Hybrid Mobile DVR's
- Internal Web Server for Manual Configuration

Applications

- School Buses
- Transit
- Transportation and Logistics
- Law Enforcement
- First Response
- Taxi

The W21IP is a 720P High Definition, Wide Dynamic Range, low profile, colour day / night camera. The camera produces stunningly clear images in the most demanding conditions. A true wide dynamic range camera using Sony internal electronics allows the camera to view both very dark areas (inside a vehicle) and very bright areas (outside a vehicle through an open door or window) in the same image. White out caused by light entering the scene through a glass window or open door is completely eliminated.

Built rugged, the camera is designed to operate over the extreme temperatures

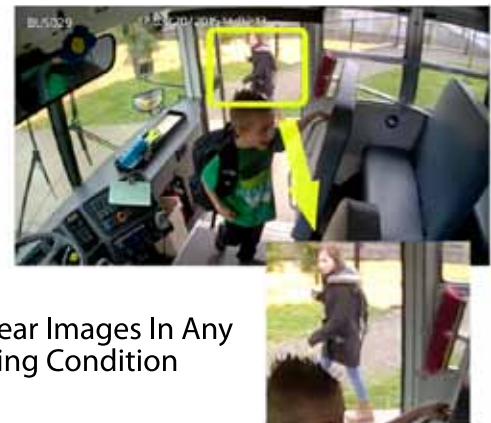
and vibration found in vehicles. The camera is specifically designed to be mounted on the outside of a vehicle and as a result it is IP67 rated (completely waterproof) has no microphone to pick up wind noise when the vehicle is moving. The W21IP's operating temperature range is -40°F to +157°F (-40°C to +70°C).

Camera configuration is easy when used with Gatekeeper's Hybrid Line of IP mobile DVR's "fast setup" configuration feature. No more struggling with IP addresses, subnets and default gateways to get the cameras to work. This means that one does not have to have network training in order to install and

Color Day Night Camera



Hi-Def IP Camera



Crystal Clear Images In Any Lighting Condition



W21IP High Definition IP Camera

maintain the system.

The camera uses industry a standard RJ45 connection (no proprietary cabling) which allows the use of Cat 5 cabling between the camera and DVR. Cable length of 15', 30' 45' and 60' with strain resistant over molded connectors are available.

Camera - Housing Features:

Integrated IR

The integrated IR utilizes 12 infrared LED's to provide IR illumination at night. A sensor in the camera detects the ambient light and automatically turns on/off the IR LED's as needed.

All Metal Housing

An all metal housing creates a vandal proof package that is resistant to physical damage.

Sealed Design

The ball that houses the camera electronics has no vents thus making the camera can be submerged in water.

Vibration Damping

In order to help reduce camera vibration, a rubber mounting base is supplied. The rubber base is installed between the camera base and the mounting surface. The rubber base conforms to the camera lower surface for easy alignment and quick installation.

Specifications W21IP Camera



Video		Network	
Image Sensor	Sony IMX238 1/3" CMOS	Network Port	RJ45 Female 10M/100M x 1
Processor	Sony	Network Protocol	HTTP, TCP, ARP, RTSP, UDP, RTCP, SMTP, DHCP, DNS, DDNS, PPPoE, IPV4, UPnP, NTP
Minimum Illumination	0.05LUX/F1.2 (Color),	Configuration	Built-In WEB server
Resolution	720p (1280 x 720)	Audio	No Audio
Sync	50/60 Hz	IR	12 LEDs (850nm) with integrated on/off sensor
Day / Night	IR-CUT <8m	Housing	Gatekeeper's W2 camera housing
S/N Ratio	≥40db	Aiming	Fixed lens with auxiliary bases included to allow for a 0°, 5°, 10°, and 15° aiming
Electronic Shutter	1/25 to 1/10000 Second	Available Lenses	2.8mm, 4.0mm, 6.0mm, and 8.0mm
Wide Dynamic Range	Yes - Wide Dynamic Range	Aperture	Fixed Aperture F1.8
Frame	Up to 30 fps	Power	
Video Compression	H.264	Voltage	POE12 (DC12V Nominal)
Compression Output Rate	768Kbs - 7Mbps	Consumption	<2W day <4W Night
Image Resolution	Main: 720p @ 30fps; Network Sub : VGA @25fps Record Sub: VGA@30fps	Physical	
Audio Compression Standard	No audio	Dimensions	2.3" high x 4.3" base diameter (6cm x 11cm)
CBR/VBR	Supported	Weight	.5 lbs (215 g)
		Operating Temperature	-40°F to +158°F (-40°C to +70°C)
		Operating RH	Under 90% non-condensing

Specifications subject to change without notice.