

D21IP High Definition IP Camera

Superior Hi-Definition Imaging.

Key Features & Benefits

- 720P (1280 x 720) @ 30 fps
- True WDR - Wide Dynamic Range
- Integrated microphone to capture audio
- 15 IR LEDs for Capturing Video in Complete Darkness
- 2 axis aiming to 80° from vertical
- Power via POE
- Anti-Vibration / Rugged Vandal Resistant Metal Housing
- Industry Standard RJ45 Network Connection
- IP 54 – Dust Resistant and Water Spray Resistant
- "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 D21IP 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 D21IP metal housing makes the camera vandal resistant and when installed virtually immune to tampering.



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 maintain the system.

The D21IP camera is plug and play compatible with Gatekeeper's G4-Series IP DVRs with power over ethernet (POE) and 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.

The D21IP has an internal microphone with

Color Day Night Camera



Hi-Def IP Camera



Crystal Clear Images In Any Lighting Condition



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audio processing circuitry that allows voices to be heard in noisy environments.

The D21IP is rated to operate from -40°F to +158°F, (-40°C to +70°C).

Camera - Housing Features:

Integrated Microphone

The Gatekeeper D - Series camera housing includes an integrated microphone allowing high quality audio to be captured at each camera.

Integrated IR

The integrated IR utilizes 15 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.

Tamper Proof Adjustments

Not only is the camera constructed of metal but there are set screws that when tightened, prevents the camera aim from being tampered with. This is important for installation where the camera can be accessed, either due to low ceilings or accessible camera placement.

All Metal Housing

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

Sealed Design

The D21IP is IP54 rated dust resistant and water spray resistant.

Vibration Damping

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

Specifications D21IP 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	Yes - Integrated mic and line driver
Sync	50/60 Hz	IR	15 LEDs (850nm) with integrated on/off sensor
Day / Night	IR-CUT <8m	Housing	Gatekeeper's D2 camera housing
S/N Ratio	≥40db	Available Lenses	2.8mm, 4.0mm, 6.0mm, and 8.0mm
Electronic Shutter	1/30 to 1/10,000 Second	Aperture	Fixed Aperture F1.8
Wide Dynamic Range	Yes - Wide Dynamic Range	Power	
	≥80db	Voltage	POE12 (DC12V Nominal)
Frame	Up to 30 fps	Consumption	<2W day <3.5W Night
Video Compression	H.264	Physical	
Compression Output Rate	768Kbs - 7Mbps	Dimensions	2.3" high x 4.3" base diameter (6cm x 11cm)
Image Resolution	Main: 720p @ 30fps; Network Sub : VGA @25fps Record Sub: VGA@30fps	Weight	.5 lbs (215 g)
Audio Compression Standard	ADPCM	Operating Temperature	IP54 -40°F to +158°F (-40°C to +70°C)
CBR/VBR	Supported	Operating RH	Under 90% non-condensing

Specifications subject to change without notice.