

TECHNICAL DATA SHEET



HDVD201IR

True Day/Night HD-SDI Megapixel Vandal Resistant IR Dome Camera



KEY FEATURES

- 2.1MP CMOS Image Sensors
- Full HD 1080p Digital Images
- HD-SDI Output Interface
- Broadcast Style Transmission over Coaxial Cable (No Networking Required)
- Uncompressed Images (Zero Latency)
- Vandal Resistant Housing
- 18 IR LEDs (20m Illumination*)
- Mechanical IR Cut-Filter
- Digital Noise Reduction (DNR)
- O.S.D. Menu
- Selectable Gain Control
- Selectable White Balance
- Selectable Back Light Compensation
- Privacy Function (8 Zones)
- RS-485 Communication
- Dual Video Output
- NTSC/PAL Selectable
- No Bandwidth Issues
- Weatherproof (IP66)
- DC 12V \pm 10%

ORDERING INFORMATION

HDVD201IR TDN 2.1MP HD-SDI IR Vandal Dome,
3-10mm MP IR Varifocal Lens

*Important Note - The Infra-red range assumes ideal conditions

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TECHNICAL SPECIFICATION

Model Number	HDVD201IR
Image Sensor	1/2.8" Sony 2.1MP CMOS Sensor
Scanning System	Progressive Scan
Resolution	2.1 Megapixel 1080p, 1920 x 1080 (30FPS)
Sensitivity (F1.2)	1.0 Lux (0 Lux with IR ON)
Lens	3-10mm Megapixel IR DC AI Varifocal Lens
Effective Pixels (H x V)	1936 (H) x 1217 (V)
Electronic Shutter Speed	Flickerless / Auto / Manual (1/25 ~ 1/60,000) / Sens-Up
Scanning System	2:1 Interlace
S/N Ratio	>50dB
Synchronisation	INTERNAL
Video Output (BNC Type)	1 x HD-SDI SMPTE 292M 75Ω BNC / 1 x Analogue Composite 75Ω
Day / Night	AUTO / COLOUR / B&W / EXT
DNR	2D / 3D-NR ON / OFF
O.S.D.	YES, Built-in
Auto Gain Control	LOW / MIDDLE / HIGH
Motion Detection	3 Zones
White Balance	ATW / AWC > SET / Indoor / Outdoor / Manual
Back Light Compensation	OFF / BLC / HSBLC
Defog	OFF / LOW / MIDDLE / HIGH
Adjustment	Brightness / Sharpness / DNR
IR LEDs & Illumination Distance	18 IR LEDs, Approximately 20 Metres in Ideal Conditions (850nm)
Privacy Function	8
IP Rating	IP66
Communication	RS-485
Operating Conditions	Temperature: -10°C ~ +50°C, Humidity: 30% ~ 80%RH
Power Supply	DC 12V ±10%
Power Consumption	460mA
Dimensions (D x H)	148 x 128 mm
Weight	940g

Features and specifications are subject to change for further improvement without any notice

*Important Note - The Infra-red range assumes ideal conditions