COSTAR VIDEO SYSTEMS

5 Megapixel Network 360° Dome Camera Indoor / Outdoor

directNET

Description:

The CDI51360V 360° DirectNET™ dome camera provides high quality video with 5 megapixel resolution and a 360° panoramic view. The IP66 weatherproof rating makes this camera suitable for both indoor and outdoor applications. The CDI51360V has true plug-and-play capability with the XDi Series recorders and is compatible with our StarNET Video Management Software (VMS). The software uses advanced tools and features to control the camera views allowing the user to see 360° panoramic, 360° global view, and 180° view plus up to 7 dewarped image panes in addition to the main image.

StarNET is the remote access software that allows users to remotely view live and recorded video. StarNET incorporates features such as advanced event notification, map monitoring, system status monitoring and many more. Costar's DirectNET™ cameras are ONVIF supported. ONVIF is an industry standard that ensures interoperability between IP-based security products regardless of brand.

Features:

- 5 megapixel resolution
- 1.45 mm fixed focus lens
- 1/1.8" CMOS Progressive Scan image sensor
- True day / night with IR cut filter
- DirectIP™ protocol; iNEX™ protocol selectable
- Micro SD memory card supported
- Back Light Compensation (BLC)
- Digital Noise Reduction (DNR)
- Multiple compression (H.264, MJPEG, MPEG4)
- Weatherproof IP66 rated
- Vandal resistant housing IK10 rated
- Power over Ethernet (PoE) or DC12V
- *Due to memory requirements, we recommend that you use the Camera Count chart on the second page of the specification sheet.*
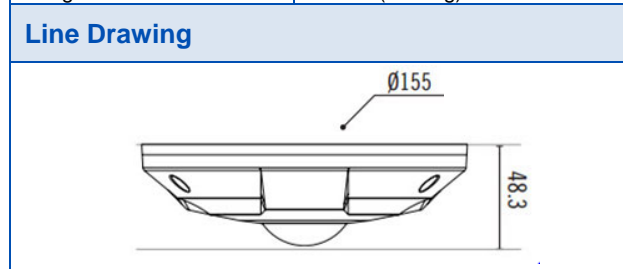
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101 Wrangler, Suite 201 • Coppell, Texas 75019 • Phone: 469-635-6800 • Fax: 469-635-6822 • Toll Free: 1-888-694-STAR (7827)

www.costarvideo.com

CDI51360V Specifications

Model	Lens (mm)	Resolution
CDI51360V	1.45mm	5 Megapixel

Power

Source	PoE or DC12V
PoE	802.3at
Consumption	6 Watts

Sensor

Image Sensor	1/1.8" CMOS
Scanning Mode	Progressive Scan
Resolution	2560 x 2048
Lens Type	Fixed
Lens Focal Length	f = 1.45 mm
Aperture	F = 2.2
Iris Control	Fixed Iris
Frame Rate	Up to 30 fps
Minimum Illumination	Color: 0.8 lux @ F2.2 B/W: 0003 lux @ F2.2
S/N Ratio	More than 45dB
Dynamic Range	More than 70dB (90dB @ digital WDR)
Electronic Shutter	Auto / Manual: 1/30 ~ 1/8000 Anti-Flicker: Slow Shutter: 1/7.5, 1/15
Viewing Composition	1O, 1P, 1P2R, 2P, 4R, 107R

Video Features

Alarm In / Out	1 Line-In / 1 Line-Out
Audio In / Out	1 Input terminal + 1 Internal Mic / 1 Output
Audio Compression	G.726, G.711
Video Compression	H.264, MJPEG, (MPEG-4Part 10/AVC)
Bitrate Control	H.264 - VBR
Ethernet	RJ45 (10 / 100 / 1000BASE-T)
External Storage	micro SD / SDHC / SDXC Card (Class 6 or higher, 32GB)

Camera Functions

Alarm	Yes; 1 In / 1 Out
Auto Exposure	Yes
Auto White Balance	Yes
Back Light Compensation	Yes
Day / Night	Yes; IR cut filter
Digital Noise Reduction	Yes; 2DNR / 3DNR
Event Buffering	Yes; up to 100MB
Event Notification	Remote S/W, email with images
Event Triggers	Alarm In, Audio Detection, Motion Detection, Tampering, Trip Zone
Motion Detection	Yes
Privacy Masking	Yes; 16 Zones

Network

DirectIP™ Mode

Security	SSL Encryption
Remote Access Client	iRAS
Streaming Video	Quadruple Stream
Camera Protocol	DirectIP

iNEX™ Compatibility Mode

Security	HTTPS, IP Filtering, Multi-User Authority, SSL Encryption
Remote Access Client	iNEX
Streaming Video	Hextuple Stream
Camera Protocol	ONVIF Profile S
Network Protocols	RTP/RTSP/TCP RTP/RTSP/HTTP/TCP RTP/UDP RTSP/TCP HTTP, HTTPS, FTP, SNMP, SMTP, FEN, mDNS, uPNP

General Information

Approvals	FCC, CE (50130-4)
IP Rating	IP66
IK Rating	IK10
Humidity	0% ~ 90%
Temperature	-40°F to 165°F (-40°C to 74°C)
Dimensions (⌀ x H)	6.10" x 1.90" (155 x 48.3 mm)
Weight	1.31 lb (0.59 kg)

Line Drawing

Accessories

CDMPMD11	Pendant Mount
CDMWMD11	Wall Mount
CDJBD360	Junction Box

DORI Coverage (EN-62676-4)

Detect (8 PPF)	≤ 62'
Observe (19 PPF)	≤ 28'
Recognize (38 PPF)	≤ 15'
Identify (76 PPF)	≤ 7'

Camera Count

# of CDI51360V's per recorder		1	2	3	4	5	6	7	8
CR4010XDI	# of additional cameras (up to 2MP)	2	0	0	0	0	0	0	0
CR8000XDi		6	4	2	0	0	0	0	0
CR1600XDi		14	12	10	8	6	4	2	0
CR1610XDi		14	12	10	8	6	4	2	0
CR3210XDi		28	24	20	16	12	8	4	0

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