

High resolution network cameras

Quadruple video streaming for real-time IP surveillance

The new IDIS DC-Y1513W is a rugged IK10/IP66 rated 5-megapixel fixed dome camera with fisheye lens. The camera is designed to capture uncompromised high-resolution video images from its location with no blind spot and offers 360° surround view when mounted on ceiling/floor/tabletop and 180° panoramic view with wall-mount. Featuring an 1/1.8" extra-wide progressive-scan CMOS sensor, the DC-Y1513W supports resolution up to 2560 x 2048 pixels and produces fisheye view, panoramic view and other multiple de-warped views. Other extensive features including edge storage, audio/alarm IO and low-profile design makes it a perfect for applications including retail stores, restaurants, schools and offices.



5MP Fisheye Dome Camera

DC-Y1513

- Easy installation with DirectIP NVR
- Max. 5M(2560 x 2048) resolution
- Various viewing composition, 6 dewarping view mode
- Camera-side dewarping
- Day&Night (ICR)
- micro SD/SDHC
- Two-way audio
- Alarm in / out
- PoE (IEEE 802.3af Class 3), 12V DC

5MP Vandal-resistant Fisheye Dome Camera

DC-Y1513W

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- Day&Night (ICR)
- micro SD/SDHC
- Two-way audio
- Alarm in / out
- Vandal Proof / IP66 supports
- PoE (IEEE 802.3af Class 3), 12V DC

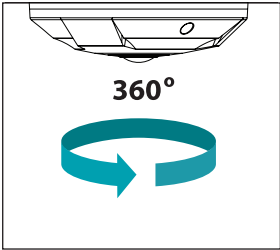
HIGHLIGHT



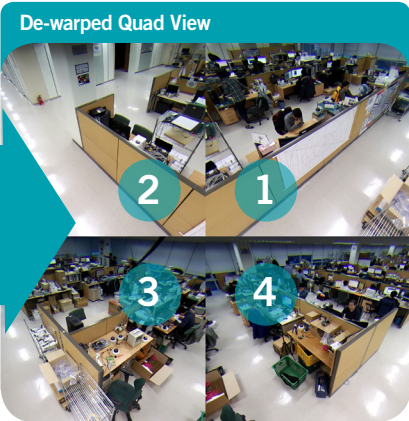
ONLY DC-Y1513W

Multiple Viewing Modes

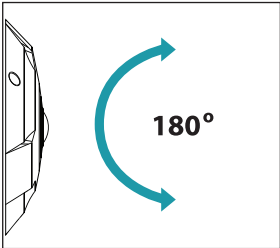
360° SURROUND VIEW



- From ceiling/floor/table mounted installation
- Omni-directional monitoring of the area without any blind spot



180° PANORAMIC VIEW



- From wall mounted installation
- Wall-to-wall overview of the area without any blind spot



Various Display Modes

When using camera-side de-warping mode, DC-1513(W) provides tailored combination of original fisheye image, panoramic view, rectangular view to suit the users' surveillance requirements.



Original Fisheye View



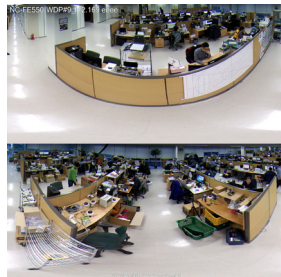
1 x Original Fisheye,
7 x Rectangular Views



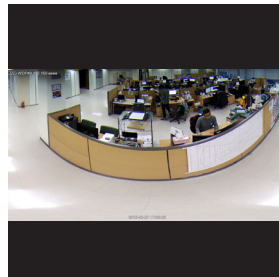
1 x Original Fisheye,
3 x Rectangular Views



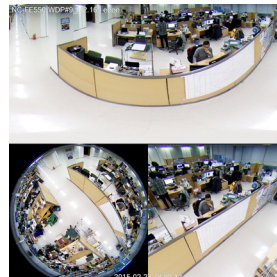
4 x Rectangular Views



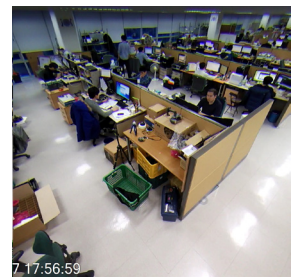
2 x Panoramic Views



1 x Panoramic Views



1 x Panoramic,
2 x Rectangular Views



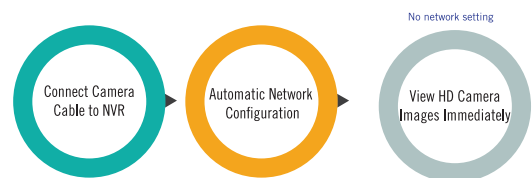
Single Rectangular View

Quadruple Video Streams



DC-Y1513(W) features quadruple stream technology by DirectIP to enhance its live monitoring quality. By allowing 2 separate streams for live monitoring (i.e. Live 1 for full screen and 2x2, Live 2 for 3x3, 4x4 and 6x6), DirectIP provides unrivalled quality of live monitoring that no other IP surveillance solution offers.

Zero configuration (Plug & Play)



DirectIP enables true plug and play installation which eliminates the need for costly installation and integration support.

DirectIP enables true plug and play installation with IDIS's proprietary, automated set of protocols including AutoIP, Multicast DNS and DNS Service Directory techniques.

DC-Y1513(W)

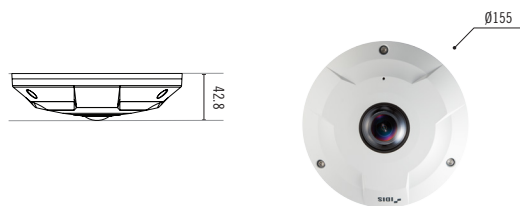
SPECIFICATIONS

VIDEO	
Image Sensor	1/1.8" CMOS
Max. Resolution	2560 x 2048
Scanning Mode	Progressive Scan
Lens	Fixed-focal (f=1.45mm, F2.2)
Iris Control	Fixed Iris
Angular Field of View	190°(H), 190°(V), 190°(D)
Pan/Tilt Range	-
Min. Illumination	Color : 0.8 Lux @ F2.0 B/W : 0.003 Lux @ F2.0
S/N Ratio	more than 45dB
Dynamic Range	more than 70dB (90dB@digital WDR)
Electronic Shutter Speed	Auto / Manual (1/30 ~ 1/8000), Anti-Flicker, Slow Shutter(1/7.5, 1/15)
True Day & Night	Yes (ICR)
IR Distance (LEDs)	-
Video Quality Compensation	Auto Expose, Auto White Balance, Digital Noise Reduction, Backlight Compensation
Privacy Masking	16 Zones
Intelligent Video	Video Motion Detection, Active Tampering Alarm, Trip Zone
Viewing Composition	10, 1P, 1P2R, 2P, 4R, 107R
Video Out	1 BNC
NETWORK	
	DirectIP Mode Compatibility Mode
Video Compression	H.264(MPEG-4 Part 10/AVC), M-JPEG
Bitrate Control	H.264 - CBR / VBR
Max. Frame Rate	30fps : 2560 x 2048
Audio Compression	G.726, G.711
Two-way Audio	Yes
IP Camera Protocol	DirectIP (TBD) IDIS ONVIF Profile S
Supported Resolution	TBD 2560x2048, 1280x1024, 640x512, 2048x1024, 1536x1536, 1024x1024, 1024x512, 512x512
Multi-Video Streaming	Quadruple streaming
Network Protocols	Direct IP Protocol RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP, RTP/UDP RTSP/TCP, HTTP, HTTPS, FTP, SNTP, SMTP, FEN, mDNS, uPNP
Security	SSL Encryption Multi-User Authority, IEEE 802.1x IP Filtering, HTTPS, SSL Encryption
Remote Access Client	DirectIP™ NVR connection IDIS Web, IDIS Mobile, IDIS Solution Suite
Ethernet	RJ45(10/100BASE-T)
Memory Slot	micro SD/SDHC
ALARM & EVENT	
Trigger Event	Motion Detection, Alarm in, Audio detection, Tampering, TripZone
Event Buffering (Pre & Post)	yes (up to 60MB)
Event Notification	Remote S/W, Email (with Image)
Audio In/ Out	1 (Line in) + 1 (Internal Mic) / 1 (Line out)
Alarm In/ Out	1 / 1
ENVIRONMENTAL	
Vandal-proof Casing	- / Yes(DC-Y1513W)
Ingress Protection	- / IP66(DC-Y1513W)
Operating Temperature	-10°C ~ +50°C (-14°F ~ +122°F) *Starting up at above 0°C (32°F)
Operating Humidity	0% ~ 90%
ELECTRICAL	
Power Source	12VDC, PoE(IEEE 802.3af class 3)
Power Consumption	7W
Certifications	FCC, CE(50130-4), KC
MECHANICAL	
Dimensions (DC-Y1513)	Ø155.0mm x 42.8mm (Ø6.10" x 1.69")
Dimensions (DC-Y1513W)	Ø155.0mm x 48.3mm (Ø6.10" x 1.90")
Weight (DC-Y1513)	0.58 kg (1.28 lb)
Weight (DC-Y1513W)	0.59 kg (1.31 lb)

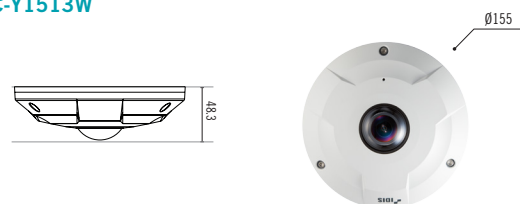
DIMENSIONS

(Unit - mm)

DC-Y1513



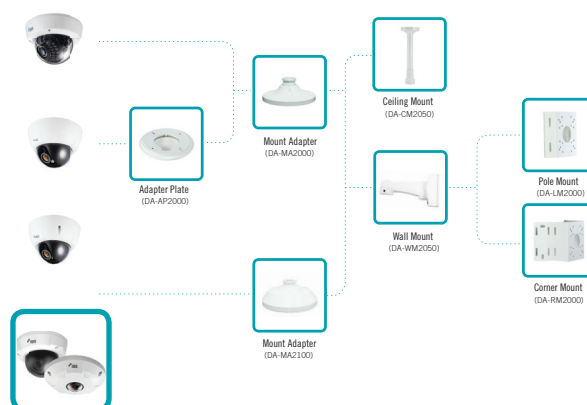
DC-Y1513W



ACCESSORIES(OPTIONAL)



ACCESSORIES CONFIGURATION TREE



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