

IDIS SUPER FISHEYE

DC-Y6513RX



BENEFITS OF IDIS SUPER FISHEYE CAMERA



Cost Savings on Equipment and Installation

Cover a wider area with a single 360° camera



Dual Side Dewarping Solution

Dewarping on-board the camera and on client PCs, mobile devices, or NVRs without a PC



High Definition Images

12 or 5 megapixel high resolution



Storage Savings with IDIS Intelligent Codec

Delivers up to 90% savings on storage and bandwidth, providing faster and better searching of clearer images



IR LED

IR distance up to 15m / 49.2ft



Communication

Internal microphone



Identify Any Point of Interest with IDIS Center

Provides an overview while maintaining details at the same time



Robust, Vandal Resistant, and Weatherproof

IK10 / IP66, IP67 support



True WDR (120dB)

Easy to recognize who and what is there in every environment



Smart UX Controls v2.0





Groundbreaking agility, ease, and accuracy



Quick and Easy to Install

Easy installation with DirectIP NVRs

FISHEYE CAMERAS

Model Name	Fixed-focal, 12MP, Panomorph		Fixed-focal, 5MP	
	DC-Y8C13RX	DC-Y8C13WRX	DC-Y6513RX	DC-Y6513WRX
	 12MP	 12MP	 5MP	 5MP
Image Sensor	1/1.7" 12MP CMOS	1/1.7" 12MP CMOS	1/2" CMOS	1/1.8" CMOS
Max. Resolution	3200 x 2944	3200 x 2944	2560 x 2048	2560 x 2048
Lens Type	Fixed-focal	Fixed-focal	Fixed-focal	Fixed-focal
Focal Length	f=1.2mm	f=1.2mm	1.5mm	1.5mm
Aperture	F2.2	F2.2	F1.8	F1.8
Iris Control	Fixed Iris	Fixed Iris	Fixed Iris	Fixed Iris
Angular Field of View	180°(H), 180°(V), 180°(D)	180°(H), 180°(V), 180°(D)	180° (H), 180° (V), 180° (D)	180° (H), 180° (V), 180° (D)
Pan / Tilt / Zoom	-	-	-	-
Min. Illumination	Color : 0.2 Lux @ F2.2 B/W : 0 Lux (IR LED On)	Color : 0.2 Lux @ F2.2 B/W : 0 Lux (IR LED On)	Color : 0.5 Lux @ F1.8 B/W : 0 Lux (IR LED On)	Color : 0.1 Lux @ F1.8 B/W : 0 Lux (IR LED On)
Dynamic Range	120 dB (True WDR)	120 dB (True WDR)	120 dB (True WDR)	120 dB (True WDR)
Day and Night	IR Cut Filter with Auto Switch	IR Cut Filter with Auto Switch	IR Cut Filter with Auto Switch	IR Cut Filter with Auto Switch
IR Distance (LEDs)	15m (6ea)	15m (6ea)	15m (6ea)	20m (4ea)
Image Stabilizer	-	-	-	-
Viewing Composition	10, 1P, 1P2R, 2P, 4R, 107R	10, 1P, 1P2R, 2P, 4R, 107R	10, 1P, 1P2R, 2P, 4R, 107R	10, 1P, 1P2R, 2P, 4R, 107R
Video Out	-	-	-	-
Video Compression	H.265, H.264 (MP), M-JPEG	H.265, H.264 (MP), M-JPEG	H.265, H.264 (MP), M-JPEG	H.265, H.264 (MP), M-JPEG
Intelligent Codec	Supported	Supported	Supported	Supported
Audio Compression	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law	ADPCM 16K, G.726, G.711 u-Law	ADPCM 16K, G.726, G.711 u-Law
Max. Frame Rate	30ips : 3200 x 2944 15ips : 3200 x 2944 (WDR)	30ips : 3200 x 2944 15ips : 3200 x 2944 (WDR)	30ips : 2560 x 2048 (WDR)	30ips : 2560 x 2048 (WDR)
Ethernet	RJ45 (10/100/1000BASE-T)	RJ45 (10/100/1000BASE-T)	RJ45 (10/100BASE-T)	RJ45 (10/100BASE-T)
Recording Session Buffer (NLTSec)	Yes (Up to 60MB)	Yes (Up to 60MB)	Yes (Up to 60MB)	Yes (Up to 60MB)
Edge Storage	micro SD / SDHC / SDXC, Smart Failover (Up to 256GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 256GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 256GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 256GB)
Trigger Event	Motion Detection Alarm In Audio Detection Tampering Trip Zone	Motion Detection Alarm In Audio Detection Tampering Trip Zone	Motion Detection Alarm In Audio Detection Tampering Trip Zone	Motion Detection Alarm In Audio Detection Tampering Trip Zone
Audio In / Out	Line-in 1ea + Internal Mic 1ea / Line-out 1ea	Line-in 1ea + Internal Mic 1ea / Line-out 1ea	Line-in 1ea + Internal Mic 1ea / Line-out 1ea	Line-in 1ea + Internal Mic 1ea / Line-out 1ea
Alarm In / Out	Input 1ea / Output 2ea	Input 1ea / Output 2ea	Input 1ea / Output 1ea	Input 1ea / Output 1ea
Vandal Resistance	-	IK10	-	IK10
Outdoor Ready	-	IP67	-	IP67
Operating Temperature	-10°C ~ +50°C (+14°F ~ +122°F) *Starting Up at Above 0°C (32°F)	-10°C ~ +60°C (+14°F ~ +140°F) *Starting Up at Above 0°C (32°F)	-10°C ~ +50°C (+14°F ~ +122°F) *Starting Up at Above 0°C (32°F)	-30°C ~ +55°C (-22°F ~ +131°F) *Starting Up at Above 0°C (32°F)
Dimensions (W x H x D)	Ø155.0mm x 52.8mm (Ø6.10" x 2.08")	Ø155.0mm x 58.3mm (Ø6.10" x 2.29")	Ø122mm x 35.8mm (Ø4.80" x 1.40")	Ø135mm x 54mm (Ø5.31" x 2.1")
Weight	0.815kg (1.79lb)	0.840 kg (1.85 lb)	0.285kg (0.63 lb)	0.6kg(1.32 lb)
Power Source	12VDC, PoE IEEE 802.3af (Class 3)	12VDC, PoE IEEE 802.3af (Class 3)	12VDC, PoE IEEE 802.3af (Class 3)	12VDC, PoE IEEE 802.3af (Class 3)
Power Consumption	12V=, 1A, 12W PoE, IEEE 802.3af (Class 3), 12W	12V=, 1A, 12W PoE, IEEE 802.3af (Class 3), 12W	12V=, 0.62A, 7.5W PoE, IEEE 802.3af (Class 3), 7.5W	12V=, 1A, 12W PoE, IEEE 802.3af (Class 3), 10.7W