

**DC-Y6516WRX (Audio)**

# 5MP Vandal-Resistant IR Fisheye Camera



## KEY FEATURES

- 5MP (2560 x 2048) resolution
- Fixed-focal lens (f=1.5mm)
- micro SD/SDHC/SDXC, Smart Failover (Up to 256GB)
- Two-way audio
- Alarm in / out
- IK10 / IP67 supports
- PoE (IEEE 802.3af Class 3), 12V DC
- Day and night (ICR)
- True wide dynamic range (WDR)
- IR LED (Distance : 20m / 65.6ft)
- Various viewing composition, 6 dewarping view modes
- Easy installation with DirectIP NVR
- Supports ONVIF

## DC-Y6516WRX (Audio) | Datasheet

VIDEO	
Image Sensor	1/1.8" CMOS
Max. Resolution	2560 x 2048
Scanning Mode	Progressive Scan
Lens Type	Fixed-focal
Focal Length	f=1.5mm
Aperture	F1.8
Iris Control	Fixed Iris
Angular Field of View	180°(H), 180°(V), 180°(D)
Pan/Tilt/Zoom	-
Min. Illumination	Color : 0.15 lux @ F1.8 B/W : 0 lux (IR LED ON)
Dynamic Range	120 dB (True WDR)
Electronic Shutter Speed	Auto / Manual (1/30 ~ 1/10,000), Anti-Flicker, Slow Shutter (1/7.5, 1/15)
Day and Night	IR cut filter with auto switch
IR Distance (LEDs)	20m / 65.6ft (4ea)
Image Setting	Exposure, White Balance, Self-Adjusting Video Mode(Sharpness, Contrast, Colors, Brightness Control)
Backlight Compensation	-
Image Stabilizer	-
Privacy Masking	8 Zones
Intelligent Video	Video Motion Detection, Active Tampering Alarm, Trip Zone, Heatmap
Viewing Composition	1O, 1P, 1P2R, 2P, 4R, 1O7R
Video Out	-
NETWORK	
Video Compression	H.265, H.264 (MP), M-JPEG
Intelligent Codec	Supported
Bitrate Control	H.264 - CBR / VBR, H.265 - CBR / VBR
Audio Compression	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law
Two-way Audio	Yes(DC-Y6516WRX only)
IP Camera Protocol	DirectIP 2.0, ONVIF Profile S
Max. Frame Rate	30ips : 2560 x 2048 (WDR)
Supports Resolution	2560x2048, 1920x1536, 2560x1024, 1280x1024, 640x512, 640x256
Multi-video Streaming	Quadruple Streaming

<b>Network Protocols</b>	DirectIP 2.0 Protocol, IPv4, IPv6, RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP, RTP/UDP RTSP/TCP, HTTP, HTTPS, FTP, SNMP, SMTP, FEN, mDNS, uPNP, SNMPv2
<b>Security</b>	SSL Encryption, Multi-user Authority, IEEE 802.1x, IP Filtering, HTTPS
<b>Remote Access Client</b>	DirectIP NVR Connection, IDIS Web, IDIS Mobile, IDIS Solution Suite
<b>Ethernet</b>	RJ45 (10/100BASE-T)
<b>Recording Session Buffer (NLTSrec)</b>	Yes (Up to 60MB)
<b>Edge Storage</b>	micro SD/SDHC/SDXC, Smart Failover (Up to 256GB)

## ALARM AND EVENT

<b>Trigger Event</b>	Motion Detection, Alarm in, Audio detection(DC-Y6516WRX only), Tampering, Trip Zone
<b>Event Notification</b>	Remote S/W, Email (with Image)
<b>Audio In/ Out</b>	1(Built In MIC)+1 / 1
<b>Alarm In / Out</b>	1/1

## ENVIRONMENTAL

<b>Vandal Proof Casing</b>	IK10
<b>Outdoor Ready</b>	IP67
<b>Operating Temperature</b>	-30°C ~ 50°C (-22°F ~ 122°F), Starting up at above 0°C (32°F)
<b>Operating Humidity</b>	0% ~ 90%

## ELECTRICAL

<b>Power Source</b>	12VDC, PoE (IEEE 802.3af Class 3)
<b>Power Consumption</b>	12V=, 0.95A, 11.4W PoE, IEEE 802.3af (Class 3), 10.3W
<b>Approval</b>	FCC, CE, KC

## MECHANICAL

<b>Dimensions (Ø x H)</b>	Ø135 x 56.9mm(Ø5.31" x 2.24")
<b>Weight</b>	0.67kg(1.47 lb)

## DIMENSIONS

Unit - mm (inch)

