

WS-FHD359J-ICR-A6

5MP Hybrid AHD IR 2-in-1 Camera



- 1/2.5" 5MP CMOS
- Max 5MP real-time
- Digital WDR, 2D-DNR
- Switchable AHD/TVI Output
- 2.8~12mm Varifocal Lens
- Max. IR length 40m, Smart IR
- IP66, DC12V
- Up to 500m transmission with RG59 coaxial cable



System Overview

WS-FHD349J-ICR-V4 adopts high performance ISP and advanced 1/2.5" image sensor technology, which can bring vaster coverage and superior image details in 24/7 with the 5MP resolution, 40m far infrared and varifocal zoom lens. That makes it easy to collect evidence and effective retrospective analysis. Whether for new-build or upgrading, existing analog infrastructure can be well reused. Just change the 5MP frontward camera and backend encoder you can enjoy the 5MP visual feast in application.

Functions

5MP Technology

5MP technology as a revolutionary breakthrough in image, which enhance the expressive image of essence, allowing users to experience the best picture with more details and wider coverage brought about by the visual feast. For the purposes of 5MP surveillance with more than two times the 1080P resolution, presented to the user with more details.

Under the same scenario by raising the amount of pixels with the larger sensor it will reduce the total quantity of cameras and finally lower the whole project cost.

3 Signals over 1 Coaxial Cable

AHD technology supports 3 signals to be transmitted over 1 coaxial cable simultaneously, i.e. video, audio and data. Dual-way data transmission allows the AHD camera to interact with the DVR, such as sending control signal or triggering alarm.

Long Distance Transmission

AHD technology guarantees real-time transmission at long distance without any loss. It supports up to 500m HD transmission via coaxial cable.

OSD menu

OSD menu provides multiple image adjustments and function settings to meet the requirements of different monitoring scenes. The OSD menu includes configurations such as backlight mode, day/night, white balance and privacy mask.

Ultra Series | WS-FHD359J-ICR-A6

Technical Specification

Camera

Image Sensor	1/2.5" AR0521 CMOS
DSP	FH8538M
Effective Pixels	2560(H)x1944(V), 5MP
Electronic Shutter Speed	1/25~1/10000s
Minimum Illumination	0.005Lux/F1.2, 0Lux IR On
S/N Ratio	More than 48dB
IR Distance	Up to 40m
IR LEDs	4

Lens

Lens Type	Varifocal lens
Mount Type	Board-in
Focal Length	2.8~12mm
Max Aperture	F1.2

Pan / Tilt / Rotation

Pan / Tilt / Rotation	Pan: 0° ~ 360° Tilt: 0° ~ 87° Rotation: 0° ~ 360°
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Video

Resolution	5MP (2560x1944)
Frame Rate	25fps@5MP
Video Output	1-channel BNC high definition video output
Day/Night	Smart / Color / BW
OSD Menu	English
BLC Mode	GLOBE / BLC
WDR	Digital WDR
Gain Control	1 ~ 16, level adjustable
Noise Reduction	2D DNR
White Balance	ATW / MWB
Sharpness	1 ~ 10, level adjustable
Brightness	1~10, level adjustable
Mirror	Default / H/V / HV

Certifications

CE	EN55032, EN55024
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Interface

Audio Interface	N/A
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Electrical

Power Supply	12VDC +/- 10%
Power Consumption	Max 7.2W (12VDC, IR on)

Environmental

Operating Conditions	-20°C ~ +60°C, 10~90% RH
Ingress Protection & Vandal Resistance	IP66

Construction

Casing	Aluminium
Weight	0.8Kg

Ordering information

Type	Part Number	Description
5MP Camera	WS-FHD359J-ICR-A6	5MP Hybrid AHD IR 2-in-1 Camera

