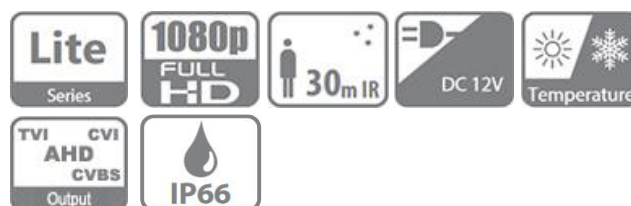


# WS-FHD320Y-ICR-S6

2MP AHD IR 4-in-1 Camera



- Max 30fps@1080P
- 2D Noise Reduction
- Digital WDR
- Switchable AHD/TVI/CVI/CVBS Output
- HD 3.6mm fixed lens
- Max. IR length 30m, Smart IR
- IP66, DC12V



## System Overview

Experience full HD 1080P video with the simplicity of using existing cabling infrastructure. The Lite series features compact design and high quality image at friendly price. It offers various fixed lens models with multi-language OSD and HD/SD switchable output. The structure flexibility and best cost-performance makes lite series camera an ideal choice for SMB solutions.

## Functions

### 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 400m HD transmission via coaxial cable.

### Multi-formats

The camera supports multiple video formats including AHD, HDTVI, HDCVI and CVBS. The four formats can be switched over by using included UTC controller. This feature makes the camera to be compatible with not only AHD digital video recorders, but also most end users` existing HD/SD DVRs.

### 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.

## Technical Specification

### Camera

Image Sensor	1/2.7" GalaxyCore GC2033 CMOS
Effective Pixels	1920(H)x1080(V), 2MP
Electronic Shutter Speed	1/25~1/50000s
Minimum Illumination	0.1Lux/F1.2, 0Lux IR On
S/N Ratio	More than 52dB
IR Distance	Up to 30m
IR LEDs	18pcs, Smart IR

### Lens

Lens Type	Fixed lens
Mount Type	Board-in
Focal Length	3.6mm
Max Aperture	F1.2

### Pan / Tilt / Rotation

Pan / Tilt / Rotation	Pan: 0° ~ 90° Tilt: 0° ~ 78° Rotation: 0° ~ 360°
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### Video

Resolution	1080P (1920x1080)
Frame Rate	25/30fps@1080P, 25/30fps@720P
Video Output	1-channel BNC high definition video output / CVBS video output (can switch)
Day/Night	ICR, Auto / Color / BW
OSD Menu	Multi-language
WDR	Digital WDR
BLC Mode	Auto / Off
Gain Control	Auto / Manual
Noise Reduction	2D
White Balance	Auto

### 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 ~ +55°C, 10~90% RH
Ingress Protection & Vandal Resistance	IP66

## Construction

Casing	Metal
Weight	0,5Kg

## Ordering information

Type	Part Number	Description
2MP Camera	WS-FHD320Y-ICR-S6	2MP AHD IR 4-in-1 Camera