

LYWB-IR212P-4-SN

Super Wide Dynamic IR Bullet Camera

Suitable for AHD/TVI/CVI and CVBS (standard analogue) DVR's



The LYWB-IR212P-4-SN bullet camera delivers unparalleled image quality. The cameras' unmatched wide dynamic range (DOL-WDR) capability ensures that scenes are faithfully reproduced without excessively dark or bright areas being compromised, the WDR capability also ensures much more accurate colour rendition over the entire scene.

Superior DOL-WDR also equips the camera to deal with very difficult lighting conditions, such as looking out of dark areas into brightly lit areas - even in the most demanding lighting conditions the camera delivers scene accuracy and image quality that cannot be achieved with other imaging technologies.

True day / night capability ensures clean and crisp colour images during daylight, when light levels fall low enough the camera changes over to mono mode and the integrated IR array is switched on. This then provides the camera scene IR lighting up to a distance of 50 metres with sharp mono images.

The LYWB-IR212P-4-SN is a high definition analogue camera that allows customers to benefit from significantly improved HD picture quality whilst keeping their existing coax analogue infrastructure. Due to it's multi-standard format it is suitable for both a new or replacement camera keeping the existing DVR.

Key features

- ▶ 4in1 Bullet camera
- ▶ AHD / CVI / TVI / CVBS
- ▶ 2.8mm - 12mm vario
- ▶ 2 Megapixel-Camera with up to 25 frames per second
- ▶ 1/2.8" Sony IMX290 CMOS
- ▶ Integrated Smart-IR-LEDs
- ▶ DOL-WDR

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Specifications

Description / Model	LYWB-IR212P-4-SN
Image Sensor	Sony 1/2.8" IMX 290 LQR CMOS
DSP/ISP	Nextchip NVP2450H
Signal Mode	PAL / NTSC; Progressive Scan
Pixels Size	2.9 μm (H) × 2.9 μm (V)
Effective Pixels	1945 (H) × 1097 (V) approx. 2.13M pixels
Max Resolution	1920 x 1080
Frame Rate	1080P @25/30 fps
Electronic Shutter	AUTO/ 1/50 (1/60) -1/50,000sec
Min. Illumination	0.01Lux (high sensitivity)
S/N Ratio	≥60dB (AGC OFF)
Video Output	AHD / CVI / TVI / CVBS (960H)
Synchronization	Internal
Day/Night	External / Auto (ICR) / Color / B&W (OSD Switch)
Noise Reduction	3D-NR / 2D-NR
Wide Dynamic Range	True WDR (DOL-WDR)
Backlight Compensation	Auto / BLC / WDR / OFF / HLC
AE	Yes (Optimized)
AWB	Yes (Optimized)
AGC	Yes (Optimized)
Sence Up	Yes
Image Setting	Yes
Privacy Masking	Yes
Motion Detection	Yes
OSD Menu	Support UTC + OSD button in cable
Varifocal Lens	2.8-12mm 3Mp HD Lens
IR LEDs	5 pcs
Max. IR Distance	~50m, Smart IR
Material	Metallic Casing
Color	White / Black
Power Supply	Dual Voltage (DC12V / AC24V ±10%)
Power Consumption	Max. 6W
IR CUT Filter	Dual IR-CUT filter Switch
Transmission Distance	CVBS: 500m via coaxial cable (75-3/5) / AHD & CVI (1080P): 300m~400m / TVI (1080P): 300m
Working Temperature	-20°C ~ +60°C
Humidity	≤95%RH (no condensing)
Ingress Protection	IP66, vandal-proof
Dimensions	261(L)*118(W)*76(H)mm
Weight	865g

NB. Specification subject to change without notification