

# LDWB-IR212P-4-SN

## Super Wide Dynamic Dome Camera

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



The LDWB-IR212P-4-SN indoor dome delivers unparalleled image quality @ 1080p. The cameras' unmatched True wide dynamic range (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. The camera comes with built in IR Illumination up to 20m range.

True day / night capability ensures clean and crisp colour images during daylight, under low light conditions the camera switches to mono mode to ensure great images in really low light with the assistance of IR lighting. The combination of very high resolution, superb image quality and 3D noise reduction ensure that modern DVRs can take advantage of the best possible recorded image quality whilst ensuring the best HDD storage efficiency.

The LDWB-IR212P-4-SN camera 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 Dome camera series
- ▶ 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

## LDWB-IR212P-4-SN

Super Wide Dynamic Dome

### Specifications

Description / Model	LDWB-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 $\mu\text{m}$ (H) $\times$ 2.9 $\mu\text{m}$ (V)
Effective Pixels	1945 (H) $\times$ 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	$\geq 60\text{dB}$ (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	17 pcs
Max. IR Distance	~20m, Smart IR
Material	Metallic Casing
Color	White / Gray
Power Supply	Dual Voltage (DC12V / AC24V $\pm 10\%$ )
Power Consumption	Max. 3W
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	$\leq 95\%$ RH (no condensing)
Ingress Protection	IP66
Dimensions	99.2(H)*130(Diam) mm
Weight	265g

NB. Specification subject to change without notification

### ORDERING INFORMATION

LDWB-SB	Smoke bubble for LDWB series internal dome for LDWB-IR212P-4-SN
LDWB-BC	Black Casing Kit for internal dome LDWB-IR212P-4-SN