

IC REALTIME™ NEXGEN

NEXGEN-3s-BM2-IXV

2MP HDCVI 2.7-13.5mm Motorised Starlight 100m IR DualVoltage Bullet



The NEXGEN-2s-BM2-IXO is a 2 megapixel/1080P commercial IP67/IK10 Bullet based on HDCVI standards. As for optics this camera uses a powerful 2.7-13.5mm Auto-Iris Motorised lens with a 100m (max) IR viewing distance.

This camera uses a Sony Starvis CMOS Sensor meaning the camera can achieve outstanding image quality and colour under extreme low light environments down to 0.001Lux. The NEXGEN-3s-BM2-IXV can also achieve excellent results in areas such as doorways with 120dB true Wide Dynamic Range (WDR).

Industry-leading Super Adapt technology can accurately recognize if the monitoring scene is indoor, outdoor or under wide dynamic range, and automatically adjusts the image settings to match the actual scene. It can avoid overexposure under intense light and improve the brightness of dark area to capture clearer details of targets,

3DNR technology reduces image noise with little to no impact on image sharpness, especially in poor lighting conditions. It detects the noise, and compares the sequential frames to effectively reduce the noise. It also makes efficient use of bandwidth, saving on storage space.

This camera has many interfaces including 1 alarm inputs, 1 alarm output, 1 audio input, 1 HDCVI BNC Output which can be switch to AHD, TVI or CVBS, plus a 2 pin CVBS BNC Test Output and can be powered either by 12vDC or 24vAC. A built in heater allows the camera to be operate at minus 30°C.



HDCVI/AHD TVI/CVBS



2MP/1080P



Low Light



100m IR Detection



Alarm & Audio Interface In/Out

● PERFORMANCE

Image Sensor	1/2.7" (CMOS)
Chipset	Ambarella
Transmission Formats	HDCVI, HD-TVI, AHD, CVBS
Effective Pixels	1920 (H) x 1080(V)
Resolution	2MP/1080P CVI/AHD/TVI (1-25fps, PAL) CVBS (1-25fps, PAL)
Backlight Compensation	BLC/HLC/HLC Pro
Wide Dynamic Range	120db WDR
Gain Control	AGC/Manual
Noise Reduction	3D
White Balance	Auto/ Manual
OSD Control	Yes - On Board Control

● LENS

Focal Length	2.7-13.5mm Motorised
Max Aperture	F1.5
Mount Type	Board-in
Angle of View	D131° x H109° x V56°

● DORI GUIDE (EN 62676-4)

*DORI Values below are for Wide FoV

Detect	25px/m - 2.7mm = 44.1m
Observe	63px/m - 2.7mm = 17.7m
Recognize	25px/m - 2.7mm = 8.8m
Identify	250px/m - 2.7mm = 4.4m

● DAY & NIGHT

Min. Illumination	0.001 lux@F1.5 (Color, 30 IRE) 0.0001 lux@F1.5 (B/W, 30 IRE)
Day/Night	Auto (ICR) / Manual
IR Distance	Up to 100m (Smart IR)

● CONNECTIVITY

Video Output	1 (BNC)
CVBS Analogue Output	2 (1x Master BNC, 1x 2-pin CVBS test)
Alarm Input	1
Alarm Output	1
Audio Input	1
Audio Output	-
RS-485	-
Memory Slot	-

● ENVIRONMENTAL

Power	12vDC (310%) / 24vAC
Consumption	14W (Max - IR On)
Working Environment	-30°C ~ +60°C / Less than 95%RH
IP Protection	IP67
Vandal Protection	IK10
Construction Material	Aluminium (Casing)
Dimensions	Ø273(mm) x 104.8(mm) x 95(mm)
Weight	0.60kg (NET) / 76kg (Gross)

● ACCESSORIES (OPTIONAL)

Junction Base	BASE-PFA121-W
Wall Mount	-
Pole Mount	MNT-PM152-E
Ceiling Drop Mount	-