

NEXGEN-3s-DM8-IXV

The NEXGEN-3s-DM8-IXV is a HDCVI (BNC) 8 megapixel (4K) commercial rated vandal proof dome camera that is IP67 weatherproof with Smart IR up to 50m. This camera complies with IK10 vandal resistance rating making it suitable for the most demanding of environments.

This camera has many features not found in many other cameras, such as:

- 1/2" CMOS Sensor
- Auto Iris Motorised 3x Optical lens
- 2 x BNC Outputs (1 x HDCVI 4K Output & 1 x Analogue Output)
- 120dB Wide Dynamic Range (WDR)
- 1 Channel Audio Input
- 2 Alarm Input & 1 Alarm Output
- Built in Heater
- 12vDC / 24vAC Dual Voltage Power Input
- 12v Power Output

This camera has a Auto-Iris Motorised 3.7~11mm (3x Optical) Lens with a F1.5 Aperture Lens which delivers impressive lowlight performance.

The NEXGEN-3s-DM8-IXV at default supports HDCVI video format but also has a separate Analogue (CVBS) output for devices such as legacy monitors and matrices. The latest HDCVI standard allows for extremely long transmission distances without any loss of quality. It supports distances of up to 700m (4MP) via coaxial cable and up to 300m via UTP cable using Baluns.

This camera also allows for all video, lens control, audio and alarm transmission all to be transmitted back via the coax cable back to an applicable recorder.



● PERFORMANCE

Image Sensor	CMOS (1/2")
Chipset	Eyenix
Transmission	HDCVI & Analogue
Effective Pixels	3840 (H) x 2160 (V) - 4K / 8MP
Resolution	4K (1~12fps) / 4MP (1~25fps)
Backlight Compensation	BLC/ HLC
Wide Dynamic Range	WDR (120dB)
Gain Control	AGC
Noise Reduction	Auto/ Manual
White Balance	2D/ 3D

● LENS

Focal Length	3.7~11mm (Auto-Iris Motorised)
Max Aperture	F1.5
Mount Type	Board-in
Angle of View	H: 112° ~ 46°

● DORI GUIDE (EN 62676-4)

Detect	25px/m - Wide = 83m / Tele = 190m
Observe	63px/m - Wide = 33m / Tele = 76m
Recognize	125px/m - Wide = 17m / Tele = 38m
Identify	250px/m - Wide = 8m / Tele = 19m

● DAY & NIGHT

Min. Illumination	0.01 Lux @ F1.5, 30IRE 0 Lux @ F1.5 (B&W with IR On)
Day/Night	Auto (ICR) / Colour / B&W
Low Light	-
IR Distance	50m (Smart IR)

● CONNECTIVITY

HDCVI BNC Output	1
CVBS BNC Output	1
Alarm Input	2
Alarm Output	1
Audio Input	1
Audio Output	-
RS-485	-
Memory Slot	-

● ENVIRONMENTAL

Power	12vDC or 24vAC (±25%)
Consumption	21.5W (12vDC, Heater & IR On)
Working Environment	-40°C ~ 60°C Less than 95% RH
Heater	Yes
Protection	IP67/ IK10
Construction Material	Aluminium
Dimensions	Ø159(mm) x 117.9(mm)
Weight	0.9kg NET/ 1.20kg Gross

● ACCESSORIES (OPTIONAL)

Junction Base	BASE-138-W
Wall Mount	PLA-101-W + MNT-302-W
Ceiling Mount	PLA-101-W + MNT-CM3
Pole Mount	PLA-101-W + MNT-302-W + MNT-PM152-E
Baluns & PSUs	Available, please ask us