

## GENESIS-5L-DF5-IXO-2.8-B/W

### 5MP 16:9 HDCVI Turret Fixed 2.8mm 30m IR with microphone

The GENESIS-5L-DF5-IXO-2.8 is a 5MP (16:9 ratio) IP67 day/night IR turret style Starlight camera.

This camera has a fixed 2.8mm F1.6 Lens with a 30m Smart IR viewing distance. Smart IR ensures the camera compensates the IR beam to reduce and prevent overexposure of an object as it nears the camera.

The GENESIS-5L-DF5-IXO-B/W-2.8 at default setting is 5MP@ 25fps (PAL) HDCVI video format, and can be switched to 4MP AHD, HD-TVI @25fps or CVBS if required 'by using the cameras' OSD Menu or an XVR model which can accept the cameras' default output. This ultimately allows the camera to be compatible with a range of 3rd party recorders, alongside the majority of previous generation IC Realtime BNC recorders.

Super Adapt technology can accurately detect if the 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, allowing users enjoy image performance upgrade in various monitoring scenarios.

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 (RG6) and up to 300m via UTP cable using Baluns. Utilising HDCVI technology and the built in microphone, this camera can transmit audio back via a single coax cable back to the recorder. Compatible recorder required for down the coax audio please ask our support team for more information.



#### ● PERFORMANCE

Image Sensor	1/2.7" (CMOS)
Chipset	Ambarella
Transmission Formats	HDCVI, HD-TVI, AHD, CVBS
Effective Pixels	2880(H) x 1620(V)
Resolution	5MP (1~20fps, PAL) 1080P (1~25fps, PAL) 4MP (1-25fps CVI/TVI/AHD)
Backlight Compensation	BLC/HLC/HLC
Wide Dynamic Range	DWDR
Gain Control	AGC/Manual
Noise Reduction	2D NR
White Balance	Auto/ Manual / Area WB
OSD Control	Yes

#### ● LENS

Focal Length	2.8mm Fixed
Max Aperture	F1.6
Mount Type	Board-in
Angle of View	D132° x H111° x V58°

#### ● DORI GUIDE (EN 62676-4)

Detect	25px/m - 2.8mm = 63.6m
Observe	63px/m - 2.8mm = 25.4m
Recognize	125px/m - 2.8mm = 12.7m
Identify	250px/m - 3.6mm = 6.4m

#### ● DAY & NIGHT

Min. Illumination	0.005Lux @ F1.6, 30IRE 0Lux (IR On)
Day/Night	Auto (ICR) / Manual
IR Distance	Up to 30m (Smart IR)

#### ● CONNECTIVITY

Video Output	1 (BNC)
CVBS Analogue Output	- (master BNC can switch to CVBS)
Alarm Input	-
Alarm Output	-
Audio Input	-
Audio Output	-
RS-485	-
Memory Slot	-

#### ● ENVIRONMENTAL

Power	12vDC (±30%)
Consumption	3.2W (Max)
Working Environment	-30°C ~ +60°C / Less than 95%
IP Protection	RH IP67
Vandal Protection	IK10
Construction Material	Aluminium (Casing)
Dimensions	Ø94.0(mm) x 85.7(mm)
Weight	0.33kg (NET) / 0.47g (Gross)

#### ● ACCESSORIES (OPTIONAL)

Junction Base	1 * 1 A 0-E W
Wall Mount	MNT-PFB205-W
Pole Mount	MNT-PM152-E & MNT-PFB205-W
Ceiling Drop Mount	MNT-PFB220C & PFA106