

## TECHNICAL DATA SHEET

# GS550IRTDN

Ultra High Resolution True Day/Night Long Range IR Bullet Style Camera



### KEY FEATURES

- 1/3" Sony Super HAD CCD
- Ultra High Resolution (600 TVL)
- Mechanical IR Cut-Filter
- 2D/3D Digital Noise Reduction
- Save Up To 70% HDD Storage Using MPEG Format with DNR
- Super Dynamic Range (SSDR)
- Digital Image Stabiliser (DIS)
- 15pc High Power IR LEDs
- Illuminates up to 90 Metres\*
- 512x Sens-Up
- Privacy Masking
- Motion Detection
- 3-Axis Bracket
- Weatherproof (IP66)
- Dual Voltage

\* The Infra-red range assumes ideal conditions

### ORDERING INFORMATION

GS550IRTDN TDN 600TVL IR Bullet Style Camera with 5-50mm DC AI Varifocal Lens

### IMPORTANT NOTE:

THE CAMERA IS NOT SUITABLE FOR WIDE ANGLE VIEWING! PLEASE CONTACT US FOR A SELECTION OF IR CAMERAS SUITABLE FOR LONG RANGE WIDE ANGLE VIEWING

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### TECHNICAL SPECIFICATION

Model Number	GS550IRTDN
Image Sensor	Sony 1/3" Colour Super HAD CCD
Horizontal Resolution	600 TVL (Col) / 700 TVL (Mono)
Lens	5-50 mm DC AI Varifocal @F1.2
Angle Of View	66° ~ 7°
No. Of LEDs	15 High Power LEDs
Sensitivity (F1.2)	0.15 Lux (Col) 0.0002 Lux (with Sens-up ON), 0 Lux with IR LEDs On
Scanning System	2:1 Interlace
Effective Pixels (H x V)	752 x 582 (440K Pixels)
Video Format	PAL
Synchronisation	Internal
Frequency	Horizontal: 15.625 KHz, Vertical; 50.00Hz
Shutter Speed	Auto / Manual 1/50 ~ 1/120,000 Seconds
Video Output	1.0Vp-p / 75Ω
Day / Night	Colour / B&W / AUTO / EXT (ICR)
Gain Control	LOW / HIGH / OFF
Back Light Compensation	BLC / HLC / OFF
White Balance	ATW / OUTDOOR / INDOOR / MANUAL / AWC (1,700°K~11000°K)
S/N Ratio	>52dB
Sens-Up	AUTO / OFF (Selectable x2 ~ x512)
O.S.D.	Yes, Built-In
2D/3D DNR	ON / OFF (Level Adjustable)
SSDR (Digital Wide Dynamic Range)	ON / OFF (Level Adjustable)
Digital Zoom	ON / OFF (x1 ~ x16)
DIS	ON / OFF
Flip / Mirror	ON / OFF / V-Rev / H-Rev
Motion Detection	ON / OFF (8 Programmable Zones)
Privacy Function	ON / OFF (12 Programmable Zones)
IR Spectrum	850nm
Illumination Distance	Up to 90 Metres in Ideal Conditions
IR Beam Angle	34°
IP Rating	IP66
Power Consumption	1.3A (With CDS On)
Power Supply	DC12V / AC24V
Operating Conditions	Temperature: -20° C ~ +50° C, Humidity: 30% ~ 90% RH
Dimensions (W x H x D)	90 x 134 x 290 mm
Weight	2200g

Features and specifications are subject to change for further improvement without any notice

\*Illumination distance quoted above is based on optimal conditions