

TECHNICAL DATA SHEET

ZB545 IIR

Super High Resolution True Day/Night IR Bullet Zoom Camera



KEY FEATURES

- 1/4" Sony Super HAD CCD
- High Resolution (500 TVL)
- 10x Optical Zoom
- Mechanical IR Cut-Filter
- Digital Noise Reduction (DNR)
- Save Up To 70% HDD Storage Using MPEG Format with DNR
- O.S.D. Menu
- 30x IR LEDs with Photo Sensor
- Privacy Zone Masking
- Mirror Function
- Motion Detection
- Sens-Up – Maintains Luminance Levels in Low Light x128
- Weatherproof (IP66)
- Fully Cable Managed Bracket
- Sunshield
- Illuminates Up To 20 Metres*
- IP66 Rated
- Built-In RS485
- Dual Voltage

ORDERING INFORMATION

ZB545 IIR	Day/Night IR Bullet Zoom Camera with 3.8-38mm Zoom Lens
ZRC	External Remote Control
GSB-JB	Junction Box (Optional)



GSB-JB

* The Infra-red range assumes ideal conditions

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TECHNICAL SPECIFICATION

Model Number	ZB545 IIR
Image Sensor	Sony 1/4" Colour Super HAD CCD
Horizontal Resolution	500 TVL (Col), 570 TVL (Mono)
Lens	10x Optical (3.8-38mm Zoom Lens) @ F1.8
No. Of LEDs	30 IR LEDs
Sensitivity (F1.8)	0.7 Lux (Day) 0 Lux with IR LEDs On (Night)
Angle Of View	H: 51.2° (Wide) to 5.58° (Tele) V: 39.3° (Wide) to 4.27° (Tele)
Scanning System	2:1 Interlace
Effective Pixels (H x V)	752 x 582 (440K Pixels)
Video Format	PAL
Synchronisation	Internal / LL Selectable
Frequency	Horizontal: 15.625 KHz, Vertical; 50.00Hz
Shutter Speed	ESC (x128~1/50~1/1.20000) Manual (x128~1/50~120000 Sec) Flickerless (1/120 Sec)
Video Output	1.0Vp-p / 75Ω
Day / Night	ON / AUTO Selectable
Gain Control	OFF / LOW / MIDDLE / HIGH
Back Light Compensation	OFF / LOW / MIDDLE / HIGH
White Balance	ATW / AWC / MANUAL / (1,800°K~10500°K)
S/N Ratio	>50dB (AGC Off)
Sens-Up	OFF / AUTO, x128
Camera Title	Selectable On/Off – Maximum Of 15 Characters
O.S.D.	Yes, Built-In
Motion Detection	ON / OFF (4 Programmable Zones)
DNR	OFF / LOW / MIDDLE / HIGH, Selectable
Mirror	Built-In (Horizontal Image Inversion)
Privacy Function	ON / OFF (4 Programmable Zones)
IR Spectrum	850nm
Illumination Distance	Approximately 20 Meters
IP Rating	IP66
Communication	RS485, Protocol: Pelco-D
Power Consumption	460mA. 800mA (With IR LEDs On)
Power Supply	DC 12V / AC 24V
Operating Conditions	Temperature: -10° C ~ +50° C, Humidity: 30% ~ 90% RH
Dimensions (W x H x D)	90.3 x 126.5 x 221.6 mm
Weight	900g

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

*Illumination distance quoted above is based on optimal conditions