

## TECHNICAL DATA SHEET

# LTB Series

Ultra High Resolution True Day/Night IR Bullet Style Cameras



## TECHNICAL DATA SHEET

# LTB Series

Ultra High Resolution True Day/Night IR Bullet Style Cameras



LTB2812IR  
LTB36IR



LTB2812IR/G



LTB2812IR/CR

### KEY FEATURES

- 1/3" Sony Super HAD CCD
- Ultra High Resolution, 600 TVL
- Mechanical IR Cut-Filter
- 2D-Digital Noise Reduction (2D-DNR)
- Digital Wide Dynamic Range (D-WDR)
- Built-in 20pc IR LEDs  
(Except LTB36IR-35pc IR LEDs)
- 10m IR Range (LTB36IR\*)  
15m IR Range (LTB2812IR\*)
- Selectable Gain Control
- Selectable White Balance
- Back Light Compensation  
(including HLC)
- Lens Shading Compensation (LSC)
- Dead Pixel Compensation (DPC)
- O.S.D. Menu
- Privacy Function
- Parking Line
- Focus/Zoom Control (LTB2812IR Model)
- Wall/Ceiling Mount Bracket
- IP68 Rated
- DC 12V ( $\pm 10\%$ )

\*Illumination distance quoted above is based on optimal conditions

### ORDERING INFORMATION

LTB2812IR	TDN IR Camera, 2.8-12mm DC AIVF Lens, All Black
LTB2812IR/CR	TDN IR Camera, 2.8-12mm DC AIVF Lens, Cream
LTB2812IR/G	TDN IR Camera, 2.8-12mm DC AIVF Lens, Part Grey
LTB36IR	TDN IR Camera, 3.6mm Fixed Lens, All Black
LTB2812IR/R*	TDN IR Camera, 2.8-12mm DC AIVF Lens, Part Red
LTB2812IR/Y*	TDN IR Camera, 2.8-12mm DC AIVF Lens, Part Yellow
LTB2812IR/AY*	TDN IR Camera, 2.8-12mm DC AIVF Lens, All Yellow

### IMPORTANT NOTE

\*Bulk orders are required for non-standard  
colour variations

## TECHNICAL DATA SHEET

### TECHNICAL SPECIFICATION

Model Number	LTB2812IR SERIES	LTB361R
Image Sensor	1/3" Sony Super HAD CCD	
Horizontal Resolution	600 TVL (Colour), 650 TVL (B/W)	
Sensitivity (F1.2)	0.1 Lux (Col), 0.01 Lux (Mono), 0 Lux (IR ON)	
Lens	2.8-12 mm DC Auto Iris Varifocal Lens	3.6mm Fixed Iris Lens
Angle of View	102° ~ 28°	72°
Effective Pixels (H x V)	752 x 582	
Electronic Shutter Speed	AUTO (1/50~1/100,000 Seconds)	
Scanning System	2:1 Interlace	
Synchronisation	Internal	
Video Output	VBS 1.0V <sub>p-p</sub> / 75Ω	
S/N Ratio	>50dB (AGC Off, Weight On)	
O.S.D.	Yes	
Gain Control	LOW / MIDDLE / HIGH / OFF Selectable	
White Balance	ATW1 / ATW2 / AWC SET / MANUAL	
Back Light Compensation	BLC / HLC / OFF	
Sharpness	Level Adjustable	
Day/Night	COLOUR / B/W / AUTO/ EXT (ICR)	
2D-DNR	ON / OFF Selectable	
D-WDR	ON / OFF	
Dead Pixel Compensation (DPC)	OFF / AUTO (Max 64 Points)	
Lens Shading (LSC)	ON / OFF Selectable (Level Adjustable 0~255)	
Privacy Function	ON / OFF (8 Zones)	
Motion Detection	OFF / ON (4 Zones)	
IR LEDs & Illumination	20 IR LEDs, 15m Range* (850nm)	35 IR LEDs, 10m Range* (850nm)
IP Rating	IP68	
Operating Conditions	Temperature: -10°C ~ +50°C, Humidity: 90% RH	
Power Supply	DC 12V (±10%)	
Power Consumption	105mA / 280mA (IR ON)	80mA / 400mA (IR ON)
Dimensions (W x H x D)	124 x 80.8 x 83.5 mm	
Weight	450g	

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

\*Illumination distance quoted above is based on optimal conditions

#### Warning Notice

The camera is IP68 rated and tested against ingress of water for 2 hours at a depth of 1 metre. However, this camera is not suitable for immersion in water containing chlorines, bromines, flocculants, algacides, salts or other corrosive chemical compounds which react with aluminium and/or PVC.