

**BASSON** *THE CUTTING EDGE IN INFRA RED CCTV*

# IRB2-PTZ

*Special High Power LEDs*



## Description:

The IRB2-PTZ – a true day/night, cable-managed infra-red high speed PTZ camera that utilises cutting-edge technology in order to achieve top-end results on every occasion. The IRB2-PTZ has an 18:1 zoom, capable of a 100-meter range and delivers stunning, crisp and clear images in both day and night lighting conditions. This product also functions on low power consumption, offering effective PTZ technology whilst remaining environmentally friendly.

Our range of PTZ Cameras are equipped with double infra-red lamps which will enable a viewing distance of over 100 metres day or night. The IRB2-PTZ is equipped with the Hitachi 1/3" 18:1 auto iris auto focus zoom camera, which is a technology that has been proven to give clear and bright images – in both day and night lighting conditions – offering 530 TVL during the day and an incredible 600 TVL in pitch black environments. Our high-speed range of PTZs offer multi-protocol options. This gives you the freedom to use the telemetry control equipment of your choice. Our range of PTZs offer minimum set-up times due to optimum settings being applied to the product before it even leaves our warehouse. You may fine-tune these settings on-site – but rest assured if you get into difficulties, we also have a factory default setting to minimise further delays.



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See our night-time videos on:



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### Key Features:

- Infrared distance more then 100m  
1/3" Hitachi CCD
- Programmable camera setting
- Auto Iris, Auto Focus
- 360 degree continuous pan rotation
- Multiple controlling protocol supported
- Privacy mask
- 128 preset positions
- 2 year warranty
- 4 programmable tours

### Specifications:

	VK-S888N(NTSC)	VK-S888EN(PAL)
CCD Image Sensor		
Image Size	6.0mm Dia. (TYPE 1/3)	
Total Pixels	410k(811x508)	470k(795x596)
Effective Pixels	380k(768x494)	440k(752x582)
Actual Pixels	380k(768x494)	440k(752x582)
Lens		
Optical Zoom Magnification	18x	
Practical f-value	4.7 * ~ 84.6mm	
Practical Horizontal Angle	54.6(w)~3.1(t)	54.7(w)~3.1(t)
F-value	F1.6(w)~F2.8(t)	
Zoom Speed (Manual)	3.5s*/ 5.1s (soft)	
Zoom Speed (In Preset : Trace)	2.4s(soft)	
Focus		
Auto	VAF	
Manual (Far/Near)	Provided (soft)	
Focal Range	infinity~1.5m(t)~0.01m(w) * (soft)	
Removable IR Cut Filter		
Auto	Pro.AER+ *(OFF~ON~1/4s*~1/4ks)	Pro.AER+ *(OFF~ON~1/3s*~1/4ks)
Manual (ON/OFF)	Provided (soft)	
Durability		
Zoom/Focus/Iris	500k cycles	
IR Removable	50k cycles	
DSP	DSP-8	
Method: Speed	RS-232C: 57.6k/38.4k/19.2k/9.6k/4.8k * bps	
Digital Slow Shutter	YES (SDRAM 1 / F)	
Frame Noise Reduction	OFF / ON * (soft)	
Image Reverse	OFF * / ON (soft)	
Mirror	OFF * / ON (soft)	
Vertical Invert	OFF * / ON (soft)	
Image Freeze	OFF * / ON (soft)	
B&W	OFF * / ON (soft)	
Privacy Masking (*1)	OFF / ON * [2 zone 2-D * / 8 zone 3-D(4/1 screen)](soft)	
Motion Detect (*1)	OFF * / ON (soft)	
Slow Response AE	1x*~254x	
Various Customizable Settings	YES [ preset store (max.111), WB tuning ]	
Digital Zoom		
Zoom Magnification	OFF */ ON [ max.12x*(soft) ]	
Electrical Shutter		
Auto	Pro. AE (1/60 - 1/4ks)	Pro. AE (1/50 - 1/4ks)
Auto (+DS Shutter)	Pro.AE+(1/2-1/4*-1/4ks:Seamless)	
Manual	Shutter priority 1/1-1/30ks:soft (*2)	Shutter priority 1/0.75-1/30ks:soft (*2)
	Exposure priority F1.4 - F32 : soft	
	AGC priority 0 - 30 dB : soft	
Manual (Sensitivity)	64x,32x,16x,8x,4x,2x(soft) (*3)	
Iris	Auto* / (offset: soft)	
BLC	OFF * / ON (soft)	
White Balance	Auto* / (manu:soft)	
Resolution Horizontal /(Vertical)		
Resolution up function :ON	typ. 540 , min520 / (430) TVL	
Luminance S/N Ratio	More than 50 dB	
Min. Sensitivity (Typical)		
IR-cut ON (1/50s)	0.25lx:Interlace(analog output)(1/60)s	0.25lx:Interlace(analog output)(1/50)s
	0.40lx:Interlace(digital output)(1/60)s	0.40lx:Interlace(digital output)(1/50)s
IR-cut ON	0.025lx:Interlace(1/4)s	0.025lx:Interlace(1/3)s
IR-cut OFF	Approx. 0.0025 lx(B/W*)(1/4s)	
Condition	(F1.6(w) , 50 IRE)	
Sync System	Internal/Line-Lock (60Hz)	Internal/Line-Lock (50Hz)
Power		
Supplied Voltage	9~12V DC	
Consumption (9V DC)	2,0 W (no operation)	
	3,5 W (zoom,Focus operation)	
	5,0 W (zoom,Focus,IR-cut operation)	
Video Output		
Video Output (analog output)	VBS:1,0Vp-p	
Video Output (digital output)	YUV422 8bit output (REC656 type)	
Dimensions (W x H x D)	50 x 60 x 89mm (w/ M-case)	
Weight (approximate value)	245g (w/ M-case)	
No. of Connectors	3 [(Analog Output:9pin FCC/Digital output:24pin FCC 30pin)]	
Operating Temp. (Recom.) (°C)	0~60(0~40)	
Storage Temp. (Recom.) (°C)	-20~60	



Manufacturer reserves the right to change specifications without notice