

▣ IP CAMERAS

IPB 58P

- ▣ 1/3" Sony Super HAD CCD
- ▣ Day and Night Function
- ▣ 580 TV Line Resolution
- ▣ 0.3 Lux at F1.2 (50 IRE, AGC High, DNR High)
- ▣ 0.002 Lux (Sens-up x128)
- ▣ DC 12V only / DC 12V/AC 24V Dual Power (option)
- ▣ Controlled OSD Menu
- ▣ DC Iris control or Electronic Shutter Control (ESC)
- ▣ Privacy Function
- ▣ Motion Detection
- ▣ High quality H.264 Algorithm



▣ Description

The IPB 58P is the newest IP Camera on our product line. It has a truly stunning 580 lines of resolution. The SENS-UP feature of the IPB 58 allows for its impressive 0.002 low light lux rating which leads to its superb night time performance ability. Also, the noise reduction function helps to improve the total DVR recording time up to 30%. The 1/3 inch density CCD and digital processor permits high quality pictures to be captured in extreme low light conditions. It detects the motion of objects without the use of a sensor. It has an assistant DSP chip that can remove image noise efficiently to show clear and pristine images. In normal or high luminance, this camera remains in color mode. In areas of low luminance this camera automatically adjusts and converts itself into B/W mode. The On Screen Display (OSD) offers a simple system to help you select the right options for your installation.

True CMS is a Central Monitoring System S/W featuring live video monitoring, PTZ control, event monitoring and audio communication. True CMS also supports sophisticated ways of recording and user -friendly search/playback of recorded audio and video. Using True CMS, multiple video servers and IP cameras distributed over different locations can be monitored and managed in a center. Its powerful recording, search and playback functions are much more convenient and extensible compared with

conventional DVR systems.

■ **Product Specifications**

Camera	
Power	DC 12V only, AC 24V / DC 12V Dual Power (option)
Sensor	1/3 inch Sony Super HAD CCD
Picture Elements	811(H) x 507(V) 410K pixels
Effective Picture Elements	768(H) x 494(V) 380K Pixels
Scanning Area	3.65(H) x 2.74(V) mm
Scanning System	2:1 Interlace / 525 Lines / 60 Fields / 30 Frames
Synchronization	Internal / Line Lock (Dual Power Model only)
Frequency	Horizontal : 15.734Khz / Vertical : 59.94Hz
Resolution	580 (H) TV Lines
S/N Ratio	more than 50dB (AGC OFF, Eight ON)
Video Output	1.0 Vp-p 75ohm Composite
Minimum Illumination	0.3 Lux @ F1.2 (50IRE, AGC HIGH, DNR HIGH) 0.002 Lux (Sens-up x128)
White Balance	ATW / AWC / Manual / Outdoor (1,800°K ~ 10,500°K)
Electronic Shutter	Auto / Manual (x128 ~ 1/60 ~ 1/120,000 Sec) Sens-up and Sens-up Limit is selectable / Flickerless
O.S.D	Built-in
Backlight Compensation	Low, Middle, High, Off Selectable
Gain Control	Low, Middle, High, Off Selectable
DNR	Low, Middle, High, Off Selectable
Day & Night	Auto / ON
Motion Detection	ON / OFF (4 Zone)
Privacy	ON / OFF (4 Zone)
Mirror	ON / OFF
Operational Temperature	14°F ~ 122°F RH80% MAX
Storage Temperature	-4°F ~ 140°F RH80% MAX
Network	
Interface	Ethernet 10/100 Base-T (RJ45)
Protocol	TCP / IP, UDP, Multicast, DHCP, PPPoE, SMTP, HTTP, SNMP
Video	
Standard	H.264
Data Rate	32Kbps ~ 4Mbps
Resolution	NTSC : 720x480, 720x240, 352x480, 352x240 PAL : 720x576, 720x288, 352x576, 352x288
Max frame Rate	NTSC : Max. 30 fps, PAL : Max. 25 fps
Frame rate Range	NTSC : 0.2 ~ 30 fps, PAL : 0.2 ~ 25 fps
Output	1 composite (1 Vpp 75ohm, BNC)

Video Loss Check	Yes
Motion detection	Sensitivity adjustable, OSD Display
Audio	
Standard	G.771
Sample rate	8Khz
Data Rate	64Kbps
Input	1 Line-in (mini-stereo)
Output	1 Line-in (mini-stereo)
Serial Port	
Port 1	RS-232
Port 2	RS-422 / 485
Data Rate	2,400bps ~ 115,200bps
Sensor / Alarm	
Sensor Input	1ch
Alarm Output	1ch
User Interface	
System Status	OSD
Physical	
Power source	DC 12V / 0.5A, PoE : 802.3AF (option)
PoE Support	802.3AF (option)
CMS	
Live monitoring	Max. 36ch monitoring simultaneously PTZ Control Event Monitoring, Alarm Control Bi-Directional Audio communication
Search / Playback	Time / Camera-base / Event-base Multi-channel viewing of recorded status on timeline
Backup	Export to AVI file, Snapshot to BMP file