

▣ IP CAMERAS

IP 8000

- ▣ 1/4" Sony Super HAD CCD
- ▣ Day and Night Function
- ▣ 480 TV Line Resolution
- ▣ x30 Optical / x10 Digital Zoom (F1.6~3.2 / f=3.3~99mm)
- ▣ Shortest Path by Vector Drive Technology
- ▣ High Accuracy with Micro-Stepping control Technology
- ▣ Smooth Motion at High Zoom Magnification Mode
- ▣ Lightening Speed (MAX. 360°/sec) & Smooth manual speed (MIN 0.05°/sec)
- ▣ Lowest Noise & Lowest Vibration
- ▣ Endless 360°/sec pan Rotation
- ▣ 1.4 Lux at F1.2 / 0.01 Lux



▣ Description

The IP 8000 is the newest IP Camera on our product line. It is perfect for high security loss prevention operations. The advanced Day & Night Super HAD chipset produces a beautiful video on your screen at high resolution of 480 lines. It also features Day and Night function which shows a detailed video even at low light environment such as parking lots. IPTZ 8000 is one of the perfect outdoor PTZ solution because of the following reasons. Sturdy weatherproof housing protects the camera from harsh weather conditions. And inside of the case there is heater and blower to prevent fog up in the front protective cover. Also supports 127 presets so you can move to a spot quickly with only a push of button from the joystick controller. The mount for IPTZ 8000 is available with a choice of either ceiling or wall. The camera operates on AC 24V.

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	
CCD	1/4" Interline Transfer CCD
Max. Pixels	811(H) x 508(V) 410K
Effective Pixels	768(H) x 494(V) 380K
Horizontal Resolution	480 TV Line(Color)
S/N Ratio	48 dB (AGC Off)
Zoom	x30 Optical Zoom, x10 Digital Zoom
Focal Length	F1.6 ~ 3.2, f=3.3(Wide) ~ 99(Tele)mm
Min. Illumination	1.0 Lux (Day) / 0.001 Lux (Night)
Day & Night	Auto / Day / Night (IR Cut Filter)
Focus	Auto / Manual / SemiAuto
AE Mode	Auto / Iris / Shutter / Manual
BLC	On / Off
AGC	Normal / High / Off
White Balance	Auto / Manual (Red, Blue, Gain Adjustable)
Flickerless	On / Off
Brightness	Adjustable
Pan / Tilt	
Range	Pan : 360° (Endless) Tilt : 95°
Pan / Tilt Speed	Preset : 360%/sec / Swing : 1~180%/sec Manual : 0.05 ~ 360%/sec (proportional to zoom) Swing : 1° ~ 180%/sec
Preset	127 Preset (Label, Camera Image Setting)
Pattern	4 Pattern, 1200 commands (about 5 minute) / Pattern
Swing	8 Swing
Group	8 Group (20 action entities per Group)
Other Functions	Auto Flip, Auto Parking, Power Up Action etc.
General	
Communication	RS-485
Protocol	Pelco-D, Pelco-P selectable
Alarm I/O	4 Input / 2 Output
OSD	Menu / PTZ information etc
Power	AC Type : AC 24V / 1.5A
Operating Temp.	22°F ~ 122°F(30°C~50°C)
Dimension	Dome : 5.9 in Housing : 8.1 in( <sup>∅</sup> ) x 9.3 in(H)
Weight	Approx 11 lbs
Interface	Ethernet 10/100 Base-T (RJ45)

Protocol	TCP / IP, UDP, Multicast, DHCP, PPPoE, SMTP, HTTP, SNMP
<b>Video</b>	
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
<b>Audio</b>	
Standard	G.771
Sample rate	8Khz
Data Rate	64Kbps
Input	1 Line-in (mini-stereo)
Output	1 Line-in (mini-stereo)
<b>Serial Port</b>	
Port 1	RS-232
Port 2	RS-422 / 485
Data Rate	2,400bps ~ 115,200bps
<b>Sensor / Alarm</b>	
Sensor Input	1ch
Alarm Output	1ch
<b>User Interface</b>	
System Status	OSD
<b>Physical</b>	
Power source	DC 12V / 0.5A, PoE : 802.3AF (option)
PoE Support	802.3AF (option)
<b>CMS</b>	
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