



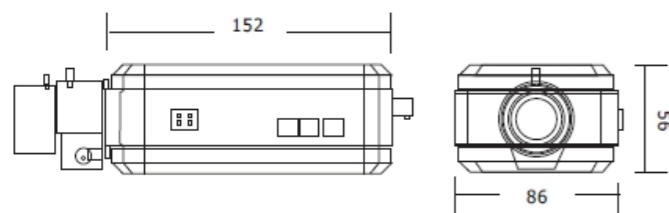
Features

1/3" SONY Progressive scan CMOS
low illumination, Hisilicon DSP
H.264/MJPEG dual-stream encoding
Day/Night (ICR), support Onvif 2.2
Audio, Alarm, Rs485, SD card
With POE

SPECIFICATION

Model	PR IP-8013 BP	PR IP-8020 BP
Image Sensor	1/3" SONY Low Illumination Progressive Scan CMOS	1/2.8" SONY Low Illumination Progressive Scan CMOS
Effective Pixels	1280(H)*1024(V) 1.3 megapixel	1920(H)*1080(V) 2 megapixel
lens	C/CS interface, High definition lens optional	
Shutter time	1/25(1/30)s to 1/10000 s	
Auto Iris	DC drive	
Signal System	PAL(25FPS)/NTSC(30FPS)	
S/N Ratio	≥50dB (AGC OFF)	
White Balance	Auto/Manual	
Gain Control	Auto/Manual	
Day& Night	Support the IR- CUT switch ,ICR infrared filter	
Sensitivity	Color 0.01Lux@F1.2, B/W 0.001Lux@F1.2	
Video Compression	H.264 Baseline, Main Profile, MJPEG	
Bit Rate	1Mbps~8Mbps CBR/VBRs	
Audio Compression	G.726, G.711	
Frame rate	1 to 30 FPS adjustable	
Resolution	Main stream:1280*1024 Sub stream: 640*320,320*160	
OSD Control	Supports channel name, date, and video stream information Superimposition supported, Location adjustable	
Image Settings	Saturation, brightness, contrast adjustable by client \ web browser	
Intelligent Alarm	Motion detection, video occlusion, video loss and set alarm time	
Network Storage	local and network storage, picture and video	
Recording	Motion detect video , image missing alarm, and remote setting record	
Network	TCP/IP、 UDP、 SMTP、 HTTP、 FTP、 PPPOE、 DHCP、 DNS、 DDNS、 NTP、 UPNP、 RTP、 RTSP	
Protocols	Internal Web Serve, Support IE Access service	
Mobile monitor	iPhone, Windows Mobile, BlackBerry, Symbian, Android	
Access Protocol	ONVIF2.2 protocol Compatible with ONVIF standard	
Other	remote upgrading and maintenance, Image Mirroring, Query log,	
Network Port	password protection, Multi-user privilege control, customized preview 1 RJ45 10/100M self-adaptive Ethernet port	
Video output	1 channel CVBS	
Audio input	1channel MIC interface	
Audio output	1channel line level interface	
PTZ Function	1 RS485 interface, support multiple PTZ protocols	
Alarm port	1channel input and 1channel output	
Storage extend	SD interface, up to 32GB	
Work Conditions	-10°C~60°C; Humidity 90% or less (non-condensing)	
Power Supply	DC12V/2A(PoE Optional)	
Power Consumption	3W (MAX)	

DIMENSION



PoE(Power Over Ethernet)

The series is enable IEEE 802.3af, Class 3 standard of power-over-ethernet applications to allow the supply of power over the LAN cables, thereby simplifies the installation procedures. Cat5 Cable or higher (Cat5e, Cat6) cables are suitable. However the optional/ additional 12V DC socket is available. The network allows simultaneous recording on local built-in micro SD card or over remote FTP server. The TCP/IP IPv4 and IPv6 (DHCP fixed) versions are incorporated.



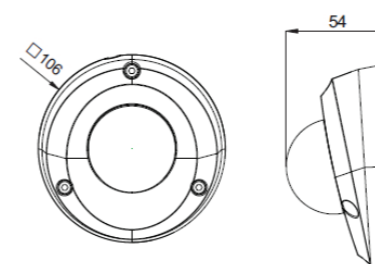
Features

1/3" SONY Progressive scan CMOS
low illumination , Hisilicon DSP
H.264/MJPEG dual-stream encoding
Day/Night (ICR), support Onvif 2.2
3.6mm HD fixed lens
IP66 water proof rating, vandal proof
D-WDR
With PoE

SPECIFICATION

Model	PRIP-8413 MD	PRIP-8420 MD
Processor	Hisilicon DSP	
Image Sensor	1/3" SONY Low Illumination Progressive Scan CMOS	1/2.8" SONY Low Illumination Progressive Scan CMOS
Effective Pixels	1280(H)*1024(V) 1.3 megapixel	1920(H)*1080(V) 2 megapixel
Lens	2. 8mm/ 3.6 mm High definition lens	
Shutter time	1/50s-1/4,000s	
Signal System	PAL(25FPS)/NTSC(30FPS)	
S/N Ratio	≥50dB (AGC OFF)	
D-WDR	≥100db	
D&N	Auto	
low illumination	Color 0.05Lux@F1.2, B/W 0.01Lux@F1.2	
Video Compression	H.264 Baseline, Main Profile MJPEG	
Bit Rate	1Mbps~8Mbps,CBR/VBR	
Frame rate	1 to 30 FPS adjustable	
Resolution	Main stream:1280*1024,1280*960,1280*720 Sub stream:720*576 , 640*480, 640*352 , 320*240	
OSD Control	Supports channel name, date, and video stream information Superimposition supported, Location adjustable	
Image Settings	Saturation, brightness, contrast adjustable by client \ web browser	
Network Protocols	TCP/IP,HTTP,DHCP,DNS,DDNS,FTP,NTP	
Web browse	Internal Web Serve, Support IE6.0 or up Access service,16 users max	
Data storage	Video, Picture	
Access Protocol	ONVIF2.2 standard, Compatible with mainframe NVR	
Network Port	1 RJ45 10/100M self-adaptive Ethernet port	
Video port	1 channel BNC Video Output	
Operating Conditions	-20°C~+55°C; Humidity 90% or less (non-condensing)	
Power Supply	DC12V/1A(PoE Support)	
Power Consumption	2.4W(MAX)	
Dimensions	Φ106mm×H54mm	
Weight	259g	

DIMENSION



PoE(Power Over Ethernet)

The series is enable IEEE 802.3af, Class 3 standard of power-over-ethernet applications to allow the supply of power over the LAN cables, thereby simplifies the installation procedures. Cat5 Cable or higher (Cat5e, Cat6) cables are suitable. However the optional/ additional 12V DC socket is available. The network allows simultaneous recording on local built-in micro SD card or over remote FTP server. The TCP/IP IPv4 and IPv6 (DHCP fixed) versions are incorporated.

