



FEATURES

PR-781H 3G

H.264 base line video compression
4-ch video input with VGA & 1-ch Output
Supports DDNS & DHCP, 3G monitoring via smart phones
Hard polycarbonate coated metal housing



FEATURES

PR-782H 3G

H.264 main profile video compression
JPEG 2000 compression for pictures
Supports viewing on Mac systems
D1 resolution for video recording

SPECIFICATIONS

MODEL	PR-781 H 3G	PR-782 H 3G
Main Processor	Embedded High Performance processor	
Operating System	Linux	Embedded RTOS
Format	PAL / NTSC	
Compression	H.264 base line profile	H.264 main profile
Image Compression	JPEG	JPEG 2000
Input	4 CH BNC (1.0Vp~p 75 ohm)	
Output	1 x RCA	
VGA	1 ch VGA (800x600, 1024x768, 1280x1024)	
Compression	G .711	ADPCM
Input	4	1
Output	1	1, passive airphone support
Intercom	---	Passive microphone input
Display Resolution	PAL 720x576, NTSC 720x480	
Display Division	1, 4	
Record Resolution	4CIF / DCIF / 2CIF / CIF / QCIF / all H.264	D1, HD1, CIF
Record Frame Rate	100/120fps CIF (PAL / NTSC)	2 ch D1 (25/30fps, 2 ch CIF)
Record quality	Low, Medium, High	Medium, Good, Best
Record Mode	Manual, Schedule, Sensor, motion, power on auto record	Manual, motion, power on auto record
Video Output Stream	16K ~ 1.5Mbps adjustable	
Record Playback	4 ch, 1 ch	
Basic Storage	2TB SATA HDDx1	
Alarm Input	4	
Alarm Output	1	
Network	1 RJ45 10/100Mbps ethernet	1 RJ45 10/100Mbps ethernet, PPPoE, DDNS, DHCP
USB	mouse, flash memory, DVD + RW, HDD	
Communication Port	RS-485	RS-485 & RS-232
Power Supply	DC 12V	
Temp & Humidity	-10°C ~ 55°C, 10 ~ 90% RH	
	315x232x57mm (3Kg)	350x305x105mm (2.3Kg)

FEATURES

H.264 main profile video compression
Embedded RTOS / Linux
G.711 Audio compression
USB flash backup (PR-791)
DVD R/W backup (PR-799)
10/100Mbps ethernet port
Viewing on LAN, WAN & mobile phone
Software available on apple store



PR-799 (4-Channel DVR with DVD/CD Writer)

BASIC LEVEL 4-CH 3G DVR
PR-790 Series Embedded 4-Channel DVR



PR-791 (4-Channel DVR with RSTP protocol)

APPLICATIONS

Retail Outlets needed to be monitored at central location
Small offices
Residential houses & Villas
Instructional Class rooms

SPECIFICATIONS

MODEL	PR-791	PR-799
Main Processor	Embedded Processor	---
Operating System	Embedded RTOS	Embedded Linux
Format	PAL/NTSC	
Compression	H.264 compression	
Image Compression	JPEG	JPEG
Input	4x BNC	
Output	1x BNC	
VGA	Yes	
Compression	G .711	
Input	1x RCA, Line-in	4x RCA, Line-in
Output	1x RCA	
Display Resolution	720x480 NTSC ; 720x576 PAL	
Display Division	Single / quad	
Record Resolution	CIF Recording	720x480 NTSC ; 720x576 PAL
Record Frame Rate	Max 60fps NTSC ; Max 50fs PAL	Max 120fps NTSC ; Max 100fs PAL
Record quality	Low, Medium, High	
Record Mode	Manual, motion, power on auto record	Manual, Schedule Event
Record Playback	Time, Date, Event	
Basic Storage	500 GB SATA	SATA 3.5" HDD x 2 or HDD+DVD/CDRW
Alarm Input	4-ch Input	
Alarm Output	1-ch Output	
Network	RJ-45, TCP/IP, DDNS, IE Based control DVR, RSTP	TCP/IP, PPPoE, DHCP, SMTP, DDNS, 3G
USB	For PC-link playback & backup / USB 2.0	
Communication Port	Built-in RS-485 port	PELCO P, PELCO D, MIKAMI
Power Supply	DC 12V, 3A (Adaptor included)	DC 12V / 4.16A (AC100V ~ 240V 50/60Hz)
Temp & Humidity	-10°C ~ +50°C, 10~90%	-0°C ~ +46°C, 10~90%
Dimension (LxWxH)	218x202x44mm (WxDxH)	430x300x48mm (WxDxH)

ECONOMY LEVEL 4-CH DVR
PR-880 Series Embedded DVR



SPECIFICATIONS

MODEL	PR-899	PR-886
Main Processor	Embedded Processor	
Operating System	Embedded RTOS	
Format	PAL/NTSC	
Compression	MJPEG	
Network Video	MPEG-4 compression	
Input	4x BNC	
Output	1x BNC	
VGA	Yes	
Compression	ADPCM	
Input	1x RCA, Line-in	
Output	1x RCA	
Display Resolution	640x440 NTSC ; 640x544 PAL	
Display Division	Single / quad	
Record Resolution	CIF Recording	
Record Frame Rate	CIF Recording / Max 60fps NTSC; Max 50fps	
Record quality	Low, Medium, High	
Record Mode	Manual, motion, power on auto record	
Record Playback	Time, Date, Event	
Basic Storage	500 GB SATA	
Alarm Input	4-ch Input	
Alarm Output	1-ch Output	
Network	RJ-45, TCP/IP, DDNS, IE Based control DVR	---
USB	For PC-link playback & backup / USB 2.0	
Communication Port	Built-in RS-485 port	
Power Supply	DC 12V, 3A (Adaptor included)	
Temp & Humidity	-10C ~ +50C, 10~90%	
IR Remote	Yes	

FEATURES

Triplex (Recording, playback, network simultaneously)
Upto 60fps recording speed
USB flash disk backup
Adjust Up/Down, Left/Right screen position
Video Input signal: NTSC/PAL
MJPEG video compression
Motion detection with adjustable time duration
Power recover auto restore record mode
Audio Recording
SATA Hard Disk
VGA Output

LINE DIAGRAM ILLUSTRATION

1. VGA Output
2. Video Output: BNC x1
3. Video IN: RCA x4
4. Audio Input: RCA x1, Line-in
5. Audio Output: RCA x1, Line-Out
6. Power Input: DC-12V / 3A
7. LAN Output (PR-899)
8. Reset to factory setting

