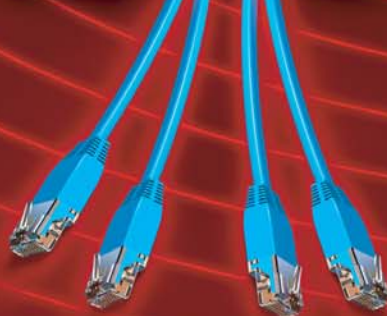


HD IP Stand-alone NVR

- Plug & See FULL HD imgae
- Auto IP Scan & Channel allocation
- 4ch / 8ch P.o.E. model
- w/o P.o.E. Model
- 1080P @ 30 fps Recording
- IP camera function set up in NVR (WDR , TDN , DVR , Auto Zoom and etc...)



**Plug
&
Play**



PoE

PNC-IX20

PNC-IB2A

PNC-ID2F(A)

PNC-IV2F(A)

PNC-IZ22



Pinetron
HD IP Stand-alone NVR
P.o.E. support model

PNR – HD4K Series

HD4004P : 4ch with PoE HD4003P : 3ch with PoE
HD4K : Without PoE Model T.B.D.

Model No.	PNR - HD4000 Series		
	HD4004P	HD4008P	HD4K
SYSTEM			
Video System	NTSC / PAL (IP)		
IP Camera	4ch PoE	8ch PoE	W/O PoE
IP Resolution	D1, 720p, 1080p		
Video Output	VGA/HDMI (upto 1920x1080p)		
Audio Input / Output	1 (RCA) / 1 (RCA)		
Audio Input Level	0.5~1.4 Vp-p @ 20K Ohm		
Sensor Input / Output	4 input / 1 relay output		
External Port	RS-232 / RS485		
USB Port	2 Ports (Front / Rear)		
Mouse	USB mouse		
IR Remote Controller	YES		
RECORDING			
Video/Audio Compression	H.264 Codec		
Maximum Rate & Resolution	100/120pps @ 1080p	200/240pps @ 720p	400/480pps @ D1
Record Mode	Manual, Schedule, Event (motion/sensor)		
Quality	Ultra, Super, High, Middle, Low (5 levels)		
Pre/Post Recording	~5sec / ~300sec		
Motion Detection	Support from IP Camera		
Watermark Proof	YES		
PLAYBACK			
Search Mode	Calendar, Time, Event, Thumb-nail, Instance		
Playback Speed	0.25x ~ 1x ~ 16x FF/REW, field by field		
STORAGE			
HDD Support	2 internal SATA HDDs bay (Up to 4TB)		
ODD Support	NO		
external Storage	e-SATA (1 port) / USB (2 port)		
Backup device	USB-DVD±RW / USB flash driver / Network		
OSD			
Display Division	1, 4, 6, 7, 9, 13, 16		
Title	Multi language / 12 characters		
GUI	YES		
Digital Zoom	2x, 4x, 8x, 16x		
NETWORK			
Multi Streaming	YES		
Network Compression	H.264 (from IP Camera)		
Network Users	1+10		
Client Software	client viewer / Windows (active-X) / mac PC / 3G mobile Phone		
EMS 2.0	Support		
Remote Notification	Email message		
Service	TCP/IP, SMTP, DHCP, DDNS, uPnP		
OTHER			
Firmware Update	USB Flash Stick / Network		
Daylight Saving	YES		
Recovery	Auto Reboot		
Accounts	1 administrator / 20 users / user authority selectable		
Log	Event log (50000) / System log (20000)		
Watchdog	software / hardware watchdog		
Dimension	38 X 34 X 7 (cm)		
Power Source	12V 5A Adpater (set), 48V Adpater(PoE)		
Operation Environment	30 ~ 80% RH, 5°C ~ 40°C (41°F ~ 104°F)		