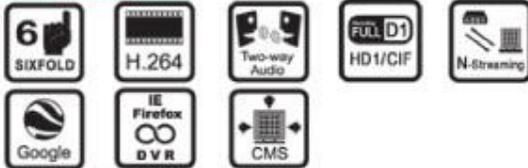




## PS-816DXi

### SOC 2

#### Remote



#### Storage



#### Integration



#### User Interface



## Feature

- 16 analog cameras can be connected
- H.264 High Profile video compression/decompression with configurable quality
- Hardware ADPCM audio compression/decompression
- 9 levels record quality video.
- Real sixfold operation - simultaneous record, live, playback, backup, control, & remote access
- Record capabilities  
960H/ Full-D1/Half-D1/CIF: up to 480 (NTSC) / 400 (PAL) IPS.
- Playback capabilities  
960H/ Full-D1/Half-D1/CIF: up to 480 (NTSC) / 400 (PAL) IPS.
- Realtime live display, 30 (NTSC) / 25 (PAL) IPS, for each channel
- Support HDMI output, VGA output, and TV output
- Event recording, time-lapse recording or both
- Playback search by time or event (alarm, motion, & video loss)
- Smart search & playback
- Versatile display formats
- Digital zoom, X2 & X4
- Intelligent motion detection with programmable area and sensitivity
- Support privacy mask
- Powerful alarm processor with configurable triggering conditions and reactions
- Up to five hard disk drives with storage > 3TB/HDD
- eSATA extension for external hard disk drives
- Support Advanced format HDD developed by Western Digital
- Video/audio backup to USB2.0 storage devices, including pen drive, DVD+RW, DVD+R, and DVD-R
- Internal DVD Models: Video/audio backup to internal DVD, including DVD+RW, DVD+R, and DVD-R
- Ethernet interface for remote access through web browser or proprietary remote software, remote alarm notification, FTP video/audio storage, remote setup, and remote software upgrade
- Free DDNS server
- Support UPnP
- 1 I.E./Firefox software for multiple DVRs
- PTZ control capabilities & RS-422/RS-485 keyboard control capabilities
- Multi-lingual support
- Multi-level password and authentication key protection to ensure high degree of security
- Streaming video for mobile phone or PDA, no Apps required
- N-Streaming internet/intranet remote access
- Free iPhone/iPad/Android/Mac software app.
- GPS support
- POS support

<b>System</b>	<b>O.S.</b>	<b>Embedded Linux 3.0</b>
	Multiplex	Sixfold operation - simultaneous record, live, playback, backup, control, & remote access
	Certification	FCC, CE, etc.
<b>Video</b>	Format	NTSC/EIA or PAL/CCIR
	Input	16-CH, BNC, 1Vp-p/75ohm
	Main monitor	HDMI, with resolution up to 1920x1080, VGA D-SUB 15-pin, with resolution 1920x1080, BNC x 1, 1Vp-p/75ohm
	SPOT monitor	BNC x 1, 1Vp-p/75ohm
	Loss detection	Yes
	Motion detection	Yes, with configurable detection area & sensitivity
	<b>Privacy mask</b>	<b>Yes</b>
<b>Audio</b>	Input	16 RCA-jack connectors, line-in level(100mV-2Vrms)
	Output	HDMI, 2 RCA-jack connectors, line-out level(up to 2Vrms)
<b>Record</b>	Compression	Video: <b>H.264 High Profile</b> , Audio: ADPCM
	Max frame rate & resolution	960H/Full-D1/1/2-Half-D1/1/4-CIF: 480/400 1~25 FPS Adjustable
	Mode	Manual/Schedule/Alarm/Motion/Panic
	Pre-record time	0 - 10 seconds
	Post-record time	0 - 60 minutes
<b>Display</b>	Resolution	HDMI/VGA - 1920x1080 NTSC - 976*592, PAL -960*576
	Split windows	1/4/7/9/10/13/16
	Frame rate	Up to 30 (NTSC) / 25 (PAL) IPS per display window
	Sequential switch	User adjustable
<b>Playback</b>	Max frame rate & resolution	960H/Full-D1/1/2-Half-D1/1/4-CIF: 480/400
	Search	<b>Smart search</b> , Date/time, Camera, Alarm, Motion, Video Loss, & Panic
	Operation	Play, Fast Forward, Backward, Pause, Stop, etc. Remote I.E. and HEM can also Print, Snapshot
	HDD	Up to 5 sets of 3.5" SATA type HDDs, <b>&gt; 3TB for each HDD</b> , Failure detection & privacy law supported
<b>Storage</b>	HDD Extension	1 eSATA connector for 5 eSATA HDD
	Partitions	Configurable alarm partition size Configurable auto-overwrite or not
	Backup	1 USB 2.0 port for USB 2.0 disk drives, DVD+RW, <b>DVD+R, DVD-R</b> , card readers, HDD, etc. <b>Internal DVD models: DVD+RW, DVD+R, DVD-R</b>
	<b>Set/unset</b>	1 contact or TTL/CMOS signal, polarity selectable
<b>Alarm</b>	<b>Panic</b>	1 contact or TTL/CMOS signal, polarity selectable
	Input	16 contact or TTL/CMOS signal, polarity selectable
	Output	2 Normally Open, 2 Normally Closed relay output
	Buzzer	Yes
	Triggered by	Sensor input, Video loss, & Motion
	Event log	Yes

<b>Network</b>	<b>Ethernet</b>	<b>1 RJ-45 10/100/1000 BaseT Ethernet</b>
	Web	Remote setup, monitoring, backup, alarm notification, & <b>remote software upgrade 1 I.E./Firefox for multiple DVRs</b>
	<b>DDNS</b>	<b>Free DDNS server</b>
	E-mail	Alarm notification to stationary or mobile devices
	FTP	Alarm video/audio file storage
	Video	1/4/9/16 split-window & SEQ mode for I.E. and HEM Dynamic electronics maps for HEM
	Audio	Bidirectional
	Protocol	TCP/IP, HTTP, PPPoE, DHCP, DDNS, FTP, TSP
	Remote users	Up to 8 users simultaneously
	Bandwidth	TCP/IP type dynamic sliding window control
<b>Control /GPS / POS</b>	Remote stations	<b>PC, mobile phone, PDA, and/or tablet PC With free iPhone/iPad/Android software app.</b>
	Remote Controller	1 remote controller Optional extension cable
	RS-232	1 D-type female connector for PTZ, keyboard, POS, or GPS
<b>Setup</b>	RS-485	2-pin for keyboard or PTZ control
	Local	On screen setup via keypad, remote, <b>mouse</b> , and/or RS-485 keyboard controller
	Remote	Setup & upload via Windows application software
<b>Reliability</b>	Multi-lingual	Yes
	System recovery	Auto power on after power loss recovery
	Watch Dog Timer	Auto Reboot.
	Timer	Built-in real time clock
<b>Weights &amp; Measures</b>	Security	Multi-level password (4 levels, up to 18 accounts) protection with authentication key for remote access
	Dimension	430(W) x 350(D) x 66(H)mm
<b>Power</b>	Weight	4.0 KG (without HDD)
	Source	+12 VDC
<b>Operating Temperature</b>	Consumption	100W Max.
		0°C ~ +40°C

\* Product Design and Specifications are subject to change without prior notice

