



### PSS Pro Surveillance System



E-map

Live View



iPhone



**DVR0404HE-T-4H-500:** 4 channel analogue video inputs with Full-D1 recording, 4 channel IP video inputs with 1080P@H.264 / 720P@MPEG4, 4 channel audio inputs, 4 channel loop outputs and 1 channel matrix output. It can support VGA, HDMI, eSATA and USB2.0, 500GB HDD.

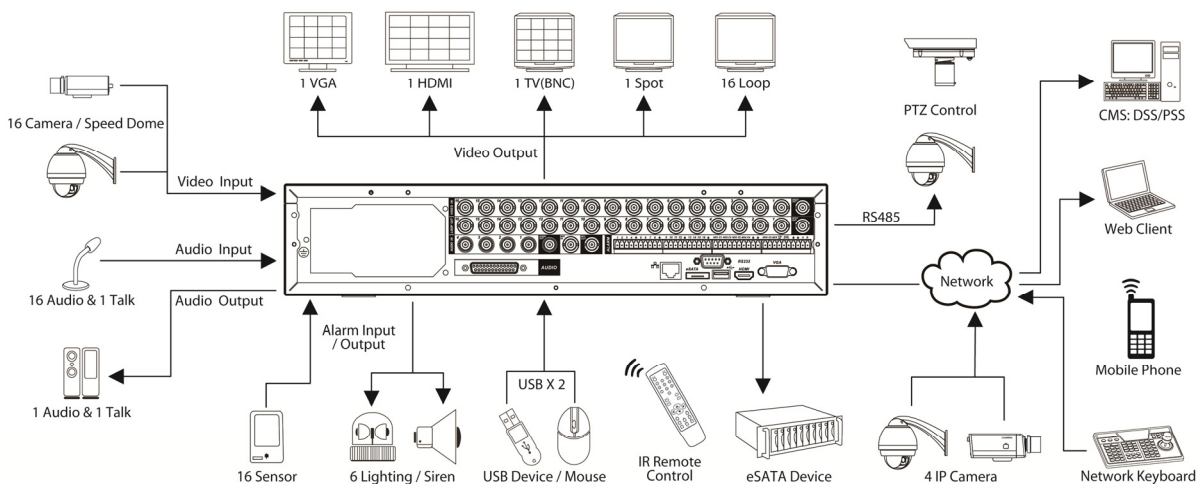
**DVR0804HE-T-4H-1000:** 8 channel analogue video inputs with Full-D1 recording, 4 channel IP video inputs with 1080P@H.264 / 720P@MPEG4, 8 channel audio inputs, 8 channel loop outputs and 1 channel matrix output. It can support VGA, HDMI, eSATA and USB2.0, 1TB HDD.

**DVR1604HE-T-4H-1000:** 16 channel analogue video inputs with Full-D1 recording, 4 channel IP video inputs with 1080P@H.264 / 720P@MPEG4, 16 channel audio inputs, 16 channel loop outputs and 1 channel matrix output. It can support VGA, HDMI, eSATA and USB2.0, 1TB HDD.

### Features

- 4/8/16 channels analogue & 4 channels IP
- Up to 8/12/20 cameras with Full-HD 1080P display
- H.264 compression & H.264/MPEG4 decoding
- 4/8/16 channels analogue video at D1 real-time recording
- 4 channels IP video at 1080P/720P real-time recording
- Dual encoding streams supported
- TV(BNC)/VGA/HDMI synchronous video output
- Live, recording, playback, backup & remote access
- 16 channel simultaneous playback
- Smart video detection: Motion, camera blank, video loss
- 3D intelligent PTZ camera positioning
- Easy backup: USB, CD/DVD-RW & network download
- Alarm triggering screen tips, buzzer, PTZ, e-mail, ftp upload
- Up to 8 SATA HDD, 1 eSATA, 2 USB2.0
- Built-in web server, multi-DVR client, MSS & CMS
- IR remote control & mouse

### System Connection



Model	DVR0404HE-T-4H	DVR0804HE-T-4H	DVR1604HE-T-4H
<b>System</b>			
Main Processor	High performance embedded microprocessor		
Operating System	Embedded LINUX		
System Resources	Pentaplex function: live, recording, playback, backup & remote access		
Control Mode	Front panel, USB mouse, IR remote control, Keyboard, Network		
<b>Video</b>			
Analogue Input	4 channel, BNC(1.0Vp-p, 75Ω)	8 channel, BNC(1.0Vp-p, 75Ω)	16 channel, BNC(1.0Vp-p, 75Ω)
IP Input	4 channel, 1080P@H.264, 720P@MPEG4 IPC-F715, IPC-F725, IPC-F728, SD6681-HN, SD666xD-HN, IPC-F6x5, IPC-A7, IPC-K5/6		
Standard	PAL(625Line, 50f/s)		
Output	1 TV, 1 Spot, BNC(1.0Vp-p, 75Ω), 1 VGA, 1 HDMI		
Loop Output	4 channel	8 channel	16 channel
<b>Audio</b>			
Input	4 channel, BNC(200-2800mV, 30KΩ)	8 channel, BNC(200-2800mV, 30KΩ)	16 channel, BNC(200-2800mV, 30KΩ)
Output	1 channel, BNC(200-3000mV, 5KΩ)		
Bidirectional Talk	1 channel Input, BNC(200-2800mV, 30KΩ), 1 channel Output, BNC(200-3000mV, 5KΩ)		
<b>Display</b>			
Display Split	1/4/8/9	1/4/8/9/16	1/4/8/9/16/20
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768, 800×600		
Tour Display	Support		
Privacy Masking	4 self-defined four-sided zones for privacy masking for each camera		
OSD	Camera title, time, video loss, camera lock, motion detection, recording		
<b>Recording</b>			
Video/Audio Compression	H.264 / G.711		
Image Resolution	1080P(1920×1080) / 720P(1280×720) / D1/4CIF(704×576/704×480) / HD1(352×576/352×480) / 2CIF(704×288/704×240) / CIF(352×288/352×240) / QCIF(176×144/176×120)		
Encoding Speed	Main Stream: 1080P/720P/D1/HD1/2CIF/CIF(1~25/30fps) Extra Stream: CIF/QCIF(1~25/30fps)		
Bit Rate	Analog video: 32~2048Kb/s, IP video: 32~4096Kb/s		
Image Quality	1~6 level (level 6 is the best, VBR effectively)		
Recording Mode	Manual, Schedule Regular (Continuous), MD (Video detection: Motion detection, Camera blank, Video loss), Alarm, Stop		
Recording Priority	Manual >Alarm >MD >Regular		
Recording Interval	1~120 min. (default: 60 min.), Pre-record: 1~30 sec., Post-record: 10~300 sec.		
<b>Video Detection &amp; Alarm</b>			
Trigger Events	Recording, PTZ movement, Tour, Alarm, Email, Spot output		
Motion Detection	Zones: 396(22×18), Sensitivity: 1~6 (level 6 is highest)		
Video Loss & Camera Blank	Support		
Alarm Input	4 channel	8 channel	16 channel
Relay Output	6 channel		
<b>Playback &amp; Backup</b>			
Playback Channel	1/2/4/All		
Search Mode	Time/Date, Alarm, Motion Detection & Exact search (accurate to second)		
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom (any size)		
Backup Mode	Flash drive/ USB HDD/ USB CD/DVD-RW / eSATA Device / Built-in SATA burner/ Network download		
<b>Network</b>			
Ethernet	RJ-45 port (10/100M)		
Network Functions	TCP/IP, UDP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Email, Alarm Server		
Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information		
<b>Hard Disk</b>			
Hard Disk	8 SATA ports, 8 HDDs or 6 HDDs + 1 CD/DVD-RW, Max 2TB per HDD supported		
Space Occupation	Audio: 28.8MB/H, Video: 56~900MB/H		
HDD Management	Hard disk hibernation technology, HDD faulty alarm & Raid (Redundancy)		
<b>Auxiliary Interface</b>			
USB Interface	2 ports, 1 for mouse control, 1 for backup		
eSATA	1 port		
RS232	Keyboard, PC communication		
RS485	PTZ control		
<b>Environmental</b>			
Power Supply	AC 100~240 V, 50/60 Hz		
Power Consumption	25W	30W	40W
Working Environment	-10°C ~+55°C / 10~90%RH / 86~106kpa		
Dimension	2U, 440mm×460mm×89mm(W×D×H)		
Weight	6.5KG(without HDD)		
Certifications	EN55022, C-TICK		