

ST-ND4416 4432E-16P

16/32CH 1.5U 16PoE Network Video Recorder



Features

- > Up to 16/32 channel with 1080P real-time live view
- > H.264/MJPEG dual codec decoding
- > Max 200Mbps incoming bandwidth
- > Up to 5Mp resolution preview & playback
- > HDMI/VGA/TV simultaneous video output
- > 16 channel synchronous real-time playback, GRID interface
- > Support Multi-brand network cameras: Saitell, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek and etc.
- > ONVIF Version 2.3 conformance
- > 3D intelligent positioning with Saitell PTZ camera
- > Support 4 SATA HDDs up to 16TB, 1 eSATA up to 16TB, 2 USB (1 USB3.0)
- > Support IPC UPnP, 16PoE ports
- > Multiple network monitoring: Web viewer, CMS (DSS/PSS) & DMSS

ST-ND4416 4432E-16P

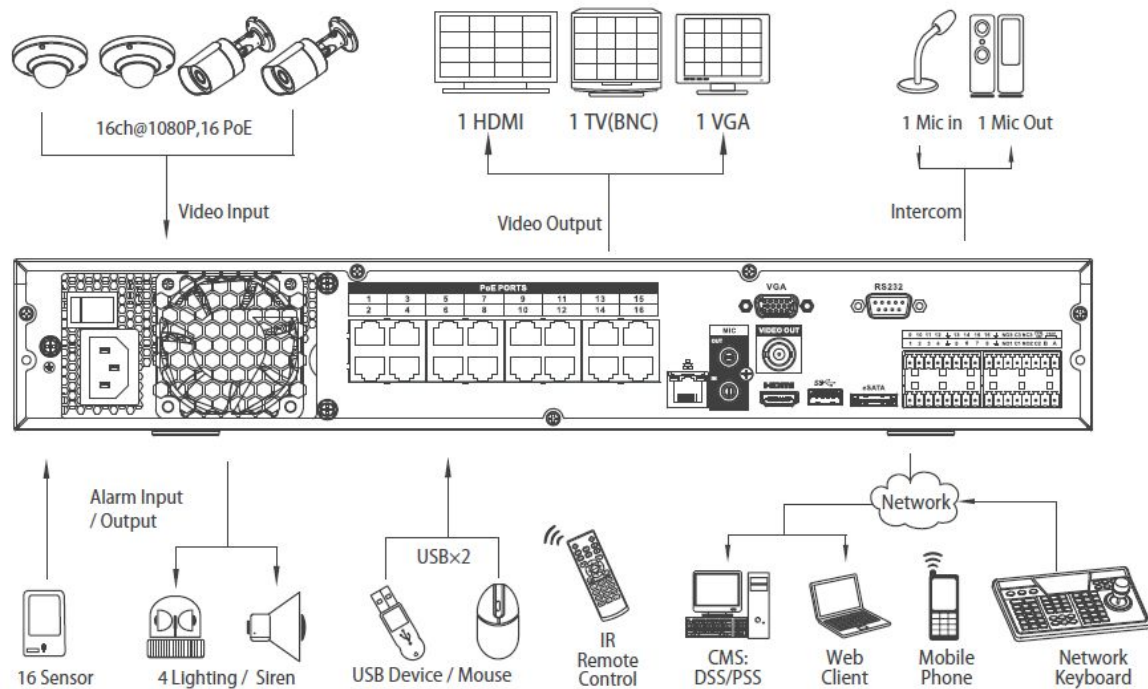
Technical Specifications

Model	ST-ND4416E-16P	ST-ND4432E-16P
System		
Main Processor	Dual-core embedded processor	
Operating System	Embedded LINUX	
Video		
IP Camera Input	16 channel	32 channel
Two-way Talk	1channel Input, 1channel Output, RCA	
Display		
Interface	1 HDMI,1 VGA,1 TV	
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768	
Display Split	1/4/8/9/16	1/4/8/9/16
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording	
Recording		
Compression	H.264/MJPEG	
Resolution	5Mp (2560×1920) /3Mp (2048×1536) /1080P(1920×1080) / 720P(1280×720) / D1 (704×576/704×480)&etc.	
Record Rate	200Mbps	
Bit Rate	48~ 8192kbps	
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop	
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec	
Video Detection & Alarm		
Trigger Events	Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Buzzer & Screen tips	
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank	
Alarm Input	16 channel	
Relay Output	4 channel	
Playback & Backup		
Sync Playback	1/4/9/16	
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search	
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom	
Backup Mode	USB Device/Network/Internal SATA burner/eSATA Device	
Network		
Ethernet	1 RJ-45 port (10/100/1000Mbps)	
PoE	16 ports (IEEE802.3at)	
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search(Support Saitell IP camera, DVR, NVS and etc.)	
Max. User Access	128 users	

ST-ND4416 4432E-16P

Smart Phone	iPhone, iPad, Android, Windows Phone
Storage	
Internal HDD	4 SATA ports, up to 16TB
External HDD	1 eSATA port
Auxiliary Interface	
USB	2 ports (1 Rear USB3.0, 1 Front USB2.0)
RS232	1 port, For PC communication& Keyboard
RS485	1 port, For PTZ control
General	
Power Supply	AC 100V~240V,50/60HZ
Power Consumption	NVR: 40W (without HDD) PoE: Max 25.5W for single port
Working Environment	-10°C ~+55°C / 10%~90%RH / 86~106kpa
Dimension (W×D×H)	1.5U, 440mm×410mm×70mm
Weight	6KG(without HDD)

System Connection



*Takes NVR4416-16P as an example

ST-ND4416 4432E-16P

Saitell Technology Co., Ltd.

China Shenzhen Foreign Trade (Group) Building, 239 Zhongxing Road, Shenzhen, China

Tel: +86-755-22318209

Fax: +86-755-22318205

Email: sales@saitell.com

www.saitell.com

*Design and specifications are subject to change without notice.

© 2013 Saitell Technology Co., Ltd.