



Model	SH-NVR-16 4K	
Camera Input	16CH POE NVR	
Housing	N	
Video	Input	16CH (PoE)
	Output	Max. 3840 x 2160 1HDMI with Audio and 1 VGA
Audio	Input	1 RCA
	Output	1 RCA
System	Operation System	Embedded Linus OS
	SATA Devices	Max. 3 X SATA Devices (HDD X2+eSATAx1, HDDx1+Optical Devicex1+eSATAx1)
	External HDD	YES (eSATA)
	Sensor In (NO, NC)/ Relay Out	Sensor-in x 16; Relay-out x 2
	Serial Interface	RS-485
	USB 2.0 Ports	USB 2.0 X 2, USB 3.0 x 1
	Dimension (mm)	430(W)x55(H)x293(D)
	Weight (w/o HDD/DVDRW)	TBD
	Power Supply	DC 48V, 300W
Power Rating	Adapter 110/220V	
Display	Split Screen	1,4,9,13,16 SEQ.
	Auto Channel Switching	Switching time: 1-99 sec.
	Mode	Zoom, PIP, Auto SEQ.
Recording	Compression	H.265/H.264 High Profile
	Recording Throughput (60Hz/50Hz IP Camera)	1280 * 720 @ 30/25 fps; 1920 * 1080 @ 30/25 fps 3840 * 2160 @ 30/25fps Bitrate < 10Mbps / per Ch; Total bitrate < 220Mbps
	Mode	Continuous, Even, Schedule
Playback	Search Mode	Date/time, Event
	Snapshot	YES
Network	Network Interface	10/100/1000 Ethernet
	Protocol	TCP/IP, SMTP, HTTP, DHCP, PPPoE(ADSL), NTP, DDNS, FTP, SMTP
	Onvif	YES
	Remote Software	SoCatch, IE Browser, iCMS Pro
	Account	1 Admin + 10 Users
Mobile Device	Windows Phone 7.8, iPhone, iPad, Android	
Backup	Interface	USB 2.0
	Audio Backup	YES
	Backup Type	Network, ext. USB flash device , SATA optical DVD..etc.
Alarm	Event Log	Up to the 10000 events (Sensor, Motion, video Loss, power on, remote login, logout, HDD error, HDD full)
OSD & DVR Control	Multi-Language	Supported
	USB Mouse	YES
	Touch Panel	Touch Panel LCD Monitor (USB Interface, EETI Chipset Only)
	System Upgrade	USB Flash Drive, Iwatch DVR
	Operating Temperature	-10°C ~ +55°C (14°F ~ 131°F)
Operating Humidity	10%~80%	

All specifications are subject to change without notice.