

Model	SN-NVR3816E2 (NVR16HN)	SN-NVR3816E2-P16-J (NVR16NPOE-AI)
Picture		
Video and Audio		
IP Camera Input	16 Channel	
Intelligent analysis	N/A	✓Intrusion (support the accurate detection of vehicle and human)
Audio I/O	1/1, RCA	
Two-way Talk	Yes	
Display		
Interface	1 HDMI, 1 VGA	
Resolution	HDMI: 3840x2160, 1920x1080, 1440x900, 1280x1024	
	VGA: 1920x1080, 1280x1024, 1280x720	
Decoding Capacity	1ch 8MP, 4ch 1080P, 8ch D1, 16ch D1@30fps	
Multi-screen Display	1/4/9/16	
Recording		
Compression	H.265+/ H.265/H.264+/H.264	
Resolution	8MP/6MP/5MP/4MP/3MP/1080P/720P/ D1&etc.	
Record Rate	112Mbps	
Bit Rate	100Kbps ~ 6Mbps Per Channel	
Record Mode	Manual, Schedule (Regular, Continuous), Motion Detection, Video Loss, Camera Tamper, Alarm in, IVS	
Record Interval	Post-record: 30 ~ 60 sec	
Video Detection and Alarm		
Trigger Events	Recording, Buzzer, Push message, Pop up message.	
Video Detection	Motion Detection, Video Loss, Camera Tamper	
Alarm In/Out	8/1	8/2
Playback and Backup		
Sync Playback	16/9/4/1	
Search Mode	Time /Date, Alarm, Picture grid, Event	
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Shuffle, Backup Selection, Digital Zoom	
Backup Mode	USB Device	
Network		
Network Function	HTTP, HTTPS, TCP/IP, IPv4, UPnP, UDP, RTSP, SMTP, NTP, DNS, DHCP, P2P, IP Filter, DDNS, 802.1X, SNMP	
Max. User	Access 9 users	
Interoperability	ONVIF, SDK, CGI	
Storage		
Internal HDD	2 SATA Ports, up to 8TB for each HDD	2 SATA Ports, up to 12TB for each HDD
eSATA	N/A	
Interface		
Interface	2 RJ-45 port (10/100/1000Mbps)	
PoE Interface	N/A	16ch 100Mbps, IEEE 802.3af
PoE Max Power	N/A	128W
USB	2 ports (USB 2.0 x2)	
General		
Power Supply	DC12V/3A	AC100~240V
Power Consumption	< 5W (without HDD)	
Operating Conditions	-10 °C ~ 50 °C (14 °F ~ 122 °F)	
Dimensions	372 x 310.5 x 46.5 mm	
Net Weight	1.8 kg (No disk)	2.1 kg (No disk)