

- Security Camera System 16CH 4K NVR with 16pcs 5MP Varifocal IP Dome Cameras
- G51616SD57



▪ Features

- 16CH PoE NVR, Built-in 4TB HDD, 2-SATA
- 4K 16CH PoE NVR, Built-in 4TB HDD, 2-SATA
- 16 x 5MP PoE IP Dome Cameras,
- 4X 2.8~12mm Manual Zoom Lens,
- 40m IR Distance,
- Built-in Mic, IK10, IP67
- Plug & Play with NVR,
- AI Person Detection.

▪ What's in the box

- 1x 16-CH 4K 8MP PoE NVR with 2TB HDD
- 16x 5MP PoE IP Dome Cameras
- 1x AC 100~240V/ 3A Power Supply
- 8x 100ft CAT5 Ethernet Cable
- 8x 60ft CAT5 Ethernet Cable

- 1x 5ft Network Cable
- 16x Camera Screw Pack & Waterproof Lid
- 1x Quick User Guide

• Technical Specifications

NVR	
Video/Audio Input	
IP Video Input	16-ch
Two-way Audio Input	1-ch, RCA
Network	
Incoming Bandwidth	112Mbps
Outgoing Bandwidth	96Mbps
Remote Users	128
Protocols	P2P, UPnP, NTP, DHCP, PPPoE
Video/Audio Output	
HDMI/VGA Output	HDMI: 4K (3840x2160@30), 1920X1080@60, 1920X1080@50, 1600X1200@60, 1280X1024@60, 1280X720@60, 1024X768@60 VGA: 1920X1080@60, 1920X1080@50, 1280X1024@60, 1280X720@60, 1024X768@60
Recording Resolution	8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
Audio Output	1-ch, RCA
Synchronous Playback	16-ch
Corridor Mode Screen	3/4/5/7/9/10/12/16
Decoding	

Decoding format	Ultra265/H.265/H.264
Live view/Playback	8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
Capability	1 x 4K@30, 1 x 6MP@30, 1 x 5MP@30, 2 x 4MP@30, 4 x 1080p@30, 8 x 720p@30, 16 x D1
Hard Disk	
SATA	2 SATA interfaces
Capacity	Up to 10TB for each disk
External Interface	
Network Interface	1 RJ-45 10M/100M/1000M self-adaptive Ethernet Interface
USB Interface	Front panel: 1 x USB2.0, Rear panel: 1 x USB3.0
Alarm In	4-ch
Alarm Out	1-ch
PoE	
Interface	1 RJ-45 10M/100M self-adaptive Ethernet Interface
Max Power	Max 30W for single port Max 108W in total (13.5W for each)
Supported Standard	IEEE 802.3af/at
General	
Power Supply	100 ~ 240 V AC Power Consumption: ≤10W(without HDD)
Working Environment	-10°C~+ 55°C (+14°F~+131°F), Humidity ≤ 90% RH (non-condensing)
Dimensions (W×D×H)	380mm ×315mm × 53mm (14.9" × 12.4" ×2.1")
Weight (without HDD)	≤2.4kg (5.29lb)
CAMERA	

Image Sensor	1/3" Progressive CMOS sensor
Effective Pixels	2592(H)×1944 (V)
Electronic Shutter	AUTO, 1/25s ~ 1/100000s
Min. Illumination	0.01Lux@F1.2(AGC ON), 0Lux IR on
Illuminator Number	4pcs IR Array
Illuminator Distance	Up to 40m
Focal length	2.8~12mm manual vafi-focal lens
Field of View	Horizontal: 96.23°~ 31.69° Vertical: 69.98°~ 24.28° Diagonal: 125.10°~37.39°
Video	
Video Standard	H.265/H.264
Video Resolution	Main Stream: 25fps@5MP(2592x1944)/4MP(2592x1520)/3MP, 30fps@1080P/720P Sub stream: 25fps@D1/VGA/360P/CIF, etc..
Video Bitrates	32Kbps - 8Mbps, VBR/CBR
Day/Night	Auto/Color/(B/W)/Timing
WDR	Digital WDR
White Balance	Auto/Indoor/Outdoor
AGC/BLC/HLC	Support
DNR	2D/3D DNR
OSD Overlay	Title and Time overlay
Other	Human Body detection Motion Detection, Privacy Mask, Mirror, Flip
Audio	

Audio Standard	G.711-u/G.711-a/AAC
Mic	Yes
Network	
Protocol	HTTP/RTSP/FTP/SMTP/DHCP/NTP/NFS, etc.
P2P	Yes
Web	IE, Firefox esr, etc.
Media	CMS, Android, IOS
Storage	FTP; NAS
ONVIF	17.06 compatible
General	
Network Port	1-RJ45, 100Mbps,
Power Supply	12 VDC $\pm$ 10%, PoE(802.3af)
Power Consumption	< 8W
Operating Temp.	-30°C -(+60)°C, 10%-90%RH