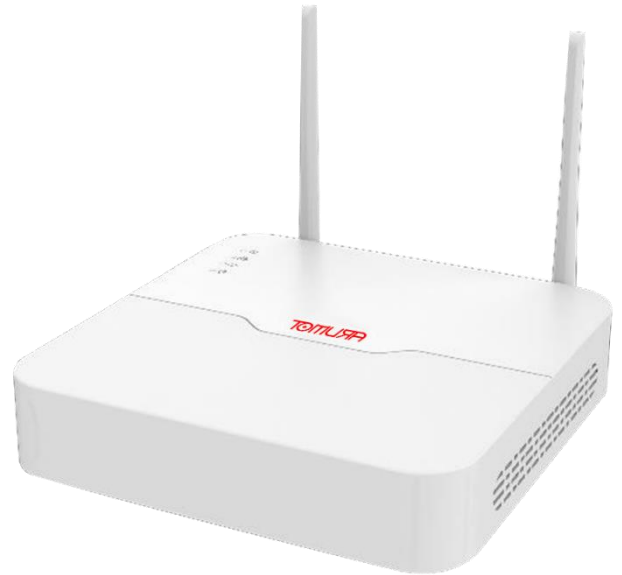


PS-NVR2301-08LB-W-2122SR3-40WKIT8



Key Features

PS-NVR2301-08LB-W

- Embedded Wi-Fi Module with high-performance and high stability
- Support CCMP encryption and WPA2-PSK authentication, Support IP cameras with Wi-Fi in access
- Support Ultra 265/H.265/H.264 video formats
- 8-channel input
- Third-party IP cameras supported with ONVIF conformance: Profile S, Profile G, Profile T
- Support 1-ch HDMI, 1-ch VGA
- HDMI and VGA synchronous outputs provided
- Up to 1080p resolution recording
- 1 SATA HDD, Up to 10TB for each HDD
- ANR technology to enhance the storage reliability when the network is disconnected
- Support cloud upgrade

SMART Series

PS-2122SR3-40

- Day/night functionality
- Smart IR, up to 30 m (98 ft) IR distance
- Optical glass window with higher light transmittance
- IR anti-reflection window to increase the infrared transmittance
- 2D/3D DNR (Digital Noise Reduction)
- Ultra 265, H.265, H.264, MJPEG
- Embedded smart algorithm
- Triple streams
- 9:16 corridor format
- ONVIF Conformance
- Wide temperature range: -30°C ~ +55°C (-22°F ~ 131°F)
- Wide voltage range of ±25%
- IP66

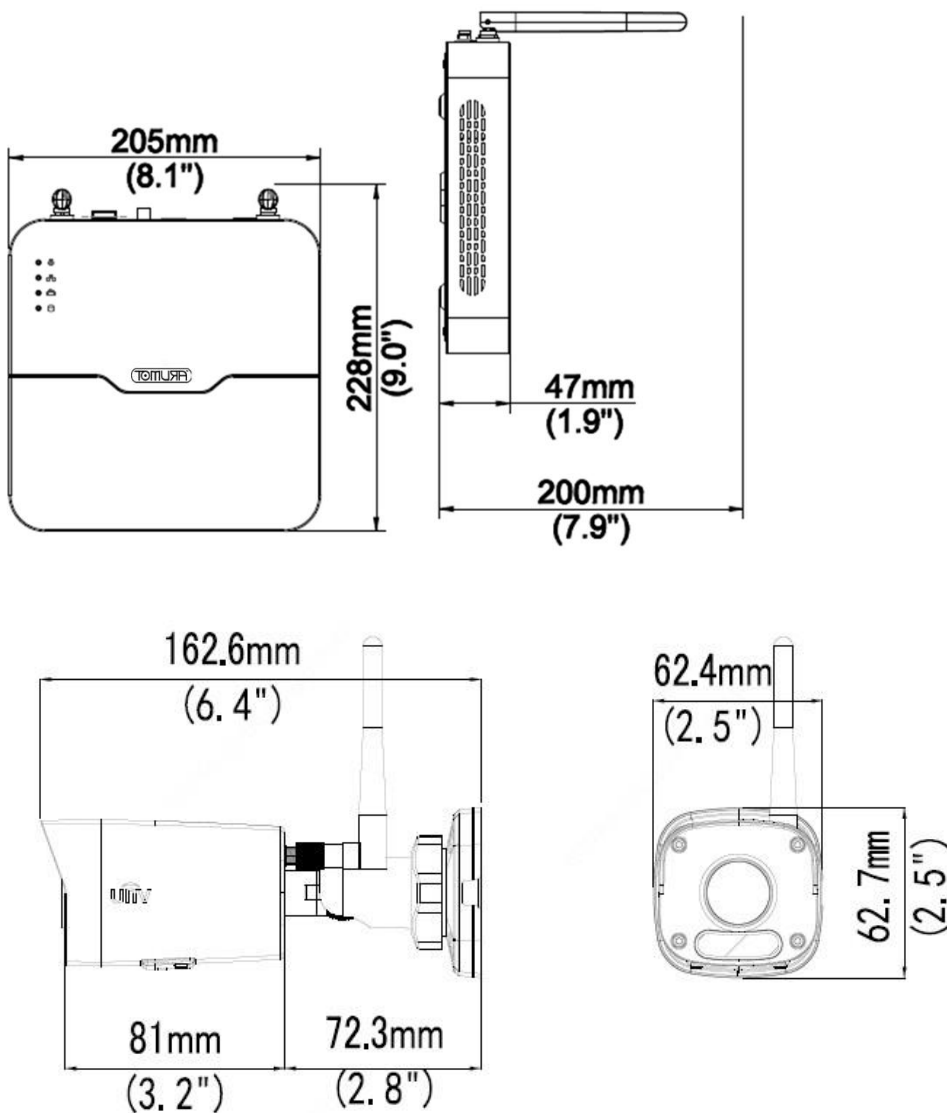
Specifications

Model	NVR2301-08LB-W
Video/Audio Input	
IP Video Input	8-ch
Network	
Incoming Bandwidth	40Mbps
Outgoing Bandwidth	40Mbps
Remote Users	128
Protocols	P2P, UPnP, NTP, DHCP, PPPoE
Video/Audio Output	
HDMI/VGA Output	HDMI: 1920x1080p /60Hz, 1920x1080p /50Hz, 1600x1200 /60Hz, 1280x1024 /60Hz, 1280x720 /60Hz, 1024x768 /60Hz VGA: 1920x1080p /60Hz, 1920x1080p /50Hz, 1600x1200 /60Hz, 1280x1024 /60Hz, 1280x720 /60Hz, 1024x768 /60Hz
Recording Resolution	1080p/960p/720p/D1/2CIF/CIF
Audio Output	1-ch, RCA
Synchronous Playback	8-ch
Corridor Mode Screen	3/4/5/7/9
Decoding	
Decoding format	Ultra 265/H.265/H.264
Live view/ Playback	1080p/960p/720p/D1/2CIF/CIF
Capability	4 x 1080P@20, 4 x 720P@30, 8 x D1@30
Hard Disk	
SATA	1 SATA interface
Capacity	Up to 10TB for each HDD
External Interface	
Network Interface	1 RJ45 10M/100M self-adaptive Ethernet Interface
USB Interface	Rear panel : 2 x USB2.0
Wi-Fi	
Frequency	2.4GHz
Transmission Rate	150Mbps
Wireless Standards	IEEE 802.11b/g/n
Wireless Range	280m(open environment)

General					
Power Supply	12V DC Power Consumption: ≤ 9 W (without HDD)				
Working Environment	-10°C ~ +55°C (+14°F ~ +131°F), Humidity ≤ 90% RH (non-condensing)				
Dimensions(WxDxH)	205mm × 228mm × 47mm (8.1" × 9.0" × 1.9")				
Weight (without HDD)	≤ 0.98Kg(2.16lb)				
Model					
	PS-2122SR3-40				
Sensor	1/2.7", 2.0-megapixel, progressive scan, CMOS				
Lens	4.0mm@F2.0				
DORI Distance	Lens	Detect(m)	Observe(m)	Recognize(m)	Identify(m)
	4mm	60	24	12	6
Angle of view(H)	86.5°				
Angle of View (V)	44.1°				
Angle of View (O)	106.4°				
Adjustment angle	Pan: 0°~360°		Tilt: 0°~90°		Rotate: 0°~360°
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Color: 0.02 Lux (F2.0 AGC ON) 0 Lux with IR on				
Day/Night	IR-cut filter with auto switch (ICR)				
Digital noise reduction	2D/3D DNR				
S/N	>52dB				
IR Range	Up to 30m (98 ft) IR range				
Defog	Digital Defog				
WDR	DWDR				
Video					
Video Compression	Ultra 265, H.265, H.264, MJPEG				
H.264 code profile	Baseline profile, Main Profile				
Frame Rate	Main Stream: 2MP (1920×1080): Max. 20 fps; Sub Stream: 720P (1280×720): Max. 20 fps; Third Stream: 4CIF (704×576): Max. 20 fps				
9:16 Corridor Mode	Supported				
HLC	Supported				
BLC	Supported				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 2 areas				
Motion Detection	Up to 4 areas				
Storage					
Edge Storage	Micro SD, up to 256 GB				
Network Storage	ANR				
Network					
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP				
Compatible Integration	ONVIF (Profile S, Profile T), API				
Wi-Fi					
Wireless Standards	IEEE802.11b/g/n				
Frequency Range	2.4 GHz ~ 2.4835 GHz				
Channel Bandwidth	20 MHz Support				
Modulation Mode	802.11b: CCK, QPSK, BPSK				
	802.11g/n: OFDM				
Security	64/128-bit WEP, WPA-PSK/WPA2-PSK				
Transmit Power	802.11b: 17±1.5dBm @ 11Mbps				
	802.11g: 14±1.5dBm @ 54Mbps				
	802.11n: 12.5±1.5dBm				

Receive Sensitivity	802.11b: -90dBm @ 11Mbps (Typical) 802.11g: -75dBm @ 54Mbps (Typical) 802.11n: -74dBm (Typical)
Transmission Rate	802.11b: 11Mbps 802.11g: 54Mbps 802.11n: up to 150Mbps
Interface	
Network	1 RJ45 10M/100M Base-TX Ethernet
General	
Power	12 V DC (+/-25%) Power consumption: Max 6.4 W
Dimensions (L x W x H)	162.6 x 62.4 x 62.7 mm (6.4"x2.5"x2.5")
Weight	0.25 kg (0.55 lb.)
Working Environment	-30°C ~ +55°C (-22°F ~ 131°F), Humidity ≤ 95% RH (non-condensing)
Ingress Protection	IP66
Reset Button	Supported

Dimensions



Rear Panel

