



WAN21518-I

20ch 2HDD AI NVR

KEY FEATURES

- Up to 20-ch IP camera accesses
- Incoming/Outgoing bandwidth: 160Mbps(AI on 120Mbps)/80Mbps
- S+265, H.265, S+264, H.264 video formats Max. decoding capability: 16MP(30fps) X1 or 1080P(30fps) x 10
- 16-ch synchronous playback
- Up to 10 TB capacity for each HDD
- Simultaneous HDMI and VGA outputs
- HDMI output at up to 4K resolution
- 1x RJ-45, 10/100/1000 Mbps self-adaptive Ethernet port -S+265 compression effectively reduces the storage space by up to 75%
- Support cloud upgrade



SPECIFICATIONS

Video and Audio	
Access Channel	20
Incoming Bandwidth	80Mbps
Outgoing Bandwidth	80Mbps
Resolution	6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Preview Decoding Capability	6MP*1,5MP*1,4MP*2,3MP*2,1080P*4,720P*8,4CIF*10
Third-party Camera Access	ONVIF; RTSP
HDMI Output	HDMI:1024*768(60Hz),(720P)1280*720(50Hz/60Hz),1280*800(60Hz),1440*900(60Hz), (1080P)1920*1080(50Hz/60Hz)
Liveview display	Simultaneous Output: HDMI & VGA: 1/2/3/4/5/6/7/8/9/10
VGA Output	VGA:1024*768(60Hz), (720P)1280*720(50Hz/60Hz), 1280*800(60Hz), 1440*900(60Hz), (1080P)1920*1080(50Hz/60Hz)
Multi-screen Display	1/2/3/4/5/6/7/8/9/10
Audio Input	1-ch, 3.5mm
Audio Output	1-ch, RCA (Linear, 1 KΩ)
Two-Way Audio	1-ch, 3.5mm, using the audio input
Compression	
Video	S+265; H.265; S+264; H.264
Audio	G711A; G711U; AAC; ADPCM_DIV4
Stream Type	Video; Video & Audio
Network	
Protocol	802.1X; ARP; DDNS; DHCP; DNS; Easy DDNS; FTP; HTTP; HTTPS; ICMP; IGMP; IPv4; IPv6; Multicast; NFS; NTP; PPPoE; RTCP; RTP; RTSP; SMB/CIFS; SMTP; SNMP; SRTP; SSH; SSL; TLSv1.2, TLSv1.3; TCP/IP; UDP; Unicast; UPnP
Mobile Phone Access	Android; iOS; P2P_A
System Compatibility	ONVIF(profile T/S/G); RTSP; CGI; SDK
Web	IE10+; Firefox52+; Edge89+; Safari11+; Chrome57+
Record Playback	
Multi-channel Playback	4
Record Mode	Manual recording; Alarm recording; Schedule recording

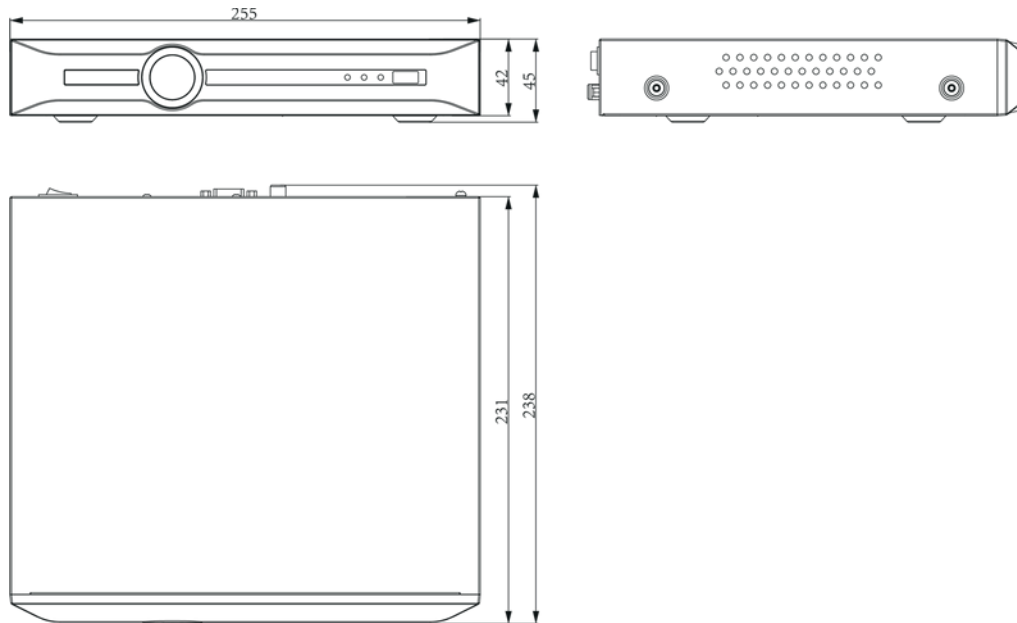


Storage Method	2 Local HDD
Backup	USB storage device, Network
Playback Function	Play/Pause/Stop/Slow/Speed/Backwards 30s/Forwards 30s/Full screen/backup (video Editing)/Step/Digital Zoom
Alarm	
General Alarm	Motion; Mask Alarm; Alarm Input(IPC); Video Loss; Alarm Input(NVR); Manual Alarm
Exceptions Alarm	IPConflict; MAC Conflict; Network Disconnected; No disk; Illegal Access; Disk group space alert; Disk Full; Disk R/W error; Video Abnormal; Abnormal found in smart of disk; Abnormal temperature of the disk; Hot-spare Exception; IPC voltage abnormal; RTC failure
Intelligent Analytics	
VCA Detection by Camera	Tripwire;Double Tripwire;Perimeter;Object Abandon;Object Missing;Loiter;Running; Parking;Lens Dignose;Scene Switch Dignose;Signal Abnormal Detection;Signal Loss Detection;On Duty Detection;Crowd Detection;Face Detection
VCA Search	Early-warning search;Facial search
Face Detection by Camera	
Performance	N/A
Face Attributes	N/A
Face Picture Library	N/A
Face Picture Comparison	N/A
External Port	
HDD	1SATA ports,up to 10TB for a single HDD. The maximum HDD capacity varies with environment temperature
Disk Group	1Disk Group
RAID	N/A
eSATA	N/A
USB	2*USB2.0
HDMI	1*HDMI
VGA	1*VGA
RJ-45	1*RJ-45,10/100 Mbps self-adaptive Ethernet port
SATA	1SATA interface
RS232	N/A

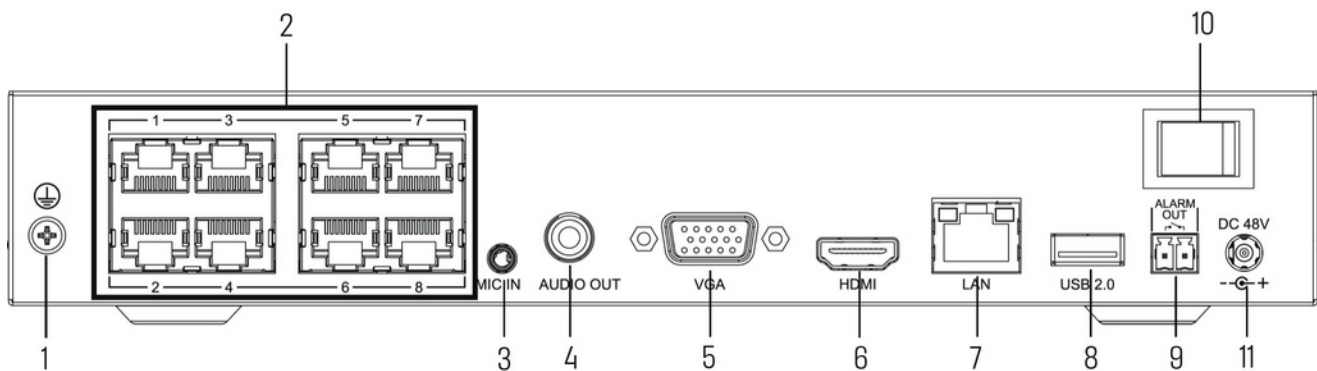


RS485	N/A
Alarm I/O	1channel out
POE	
POE Interface	8×RJ45 self-adaptive 10/100 Mbps network interface
POE Gross Power	70W
Power per POE Port	30W
Max Current per POE Port	600mA
General Parameter	
UI Language	Simple Chinese; Traditional Chinese; English; Spanish; Korean; Italian; Turkish; Russian; Thai; French; Polish; Dutch; Hebrew; Arabic; Vietnamese; German; Ukrainian; Portuguese; Albanian
Power Supply	DC48V 1.875A
Power Consumption	< 10W(without HDD&without POE)
NetWeight	1kg
GrossWeight	1.7kg
Boundary Dimensions	255(L)231(W)45(H)mm
Package Dimensions	385(L)80(W)280(H)mm
Operating Temperature	-10°C~+55°C
Operating Humidity	10%~90%RH
Storage Temperature	-10°C~+55°C
Storage Humidity	10%~90%RH
Package Kit	Network Video Recorder; Screw pack; Mouse; Power adapter; European standard power cord

DIMENSIONS (Unit: mm)



Physical Interfaces



No.	Desscription	No.	Desscription
1	GND	7	LAN Interface
2	POE8xRJ45self-adaptive 10/100 Mbps interface	8	USB 2.0 Interface
3	Microphone In	9	Alarm Out RS-485
4	Audio Out	10	Power Switch on-o
5	VGA Interface	11	Power DC 48V
6	HDMI Interface		