

WVR020 16CH Ultra 1080P 2U DVR

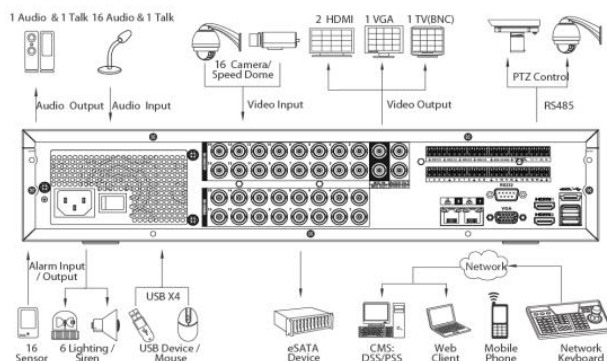
SPECIFICATION



FEATURES

- Support HDCVI/AHD/Analog/IP Video input
- H.264 dual-stream video compression
- All channel 1080P realtime recording
- HDMI 1/VGA simultaneous video output, HDMI2/VGA(HDMI1) independent video output
- 16 channel synchronous realtime playback, GRID interface & smart search
- Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videosec, Vivotek and etc.
- ONVIF Version 2.4.1 conformance
- 3D intelligent positioning with Dahua PTZ dome camera
- Support 8 SATA HDDs up to 64TB, 4 USB(2 USB3.0)
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)
- Advanced intelligent functions: Tripwire, Intrusion, Abandoned/Missing, Scene Change, Face Detection, People Counting, Smart Tracking

DIMENTION



System		
Main Processor		Embedded processor
Operating System		Embedded LINUX
Video		
Input		16 channel
Video Standard	HDCVI	1080P/720P HDCVI Camera
	Analog	NTSC(525Line, 60f/s), PAL(625Line, 50f/s),Effio 960H Camera
	IP	16+48 up to 12Mp
Audio		
Input		16 channel, BNC
Output		1 channel, BNC
Two-way Talk		1 channel input,1channel output, BNC
Display		
Interface		HDMI1(4K) , HDMI2(1080P), 1 VGA,VIDEO OUT
Resolution		3840× 2160(HDMI1,)1920× 1080, 1280× 1024, 1280× 720, 1024× 768
Display Split		1/4/8/9/16/25/36
Privacy Masking		4 rectangular zones (each camera)
OSD		Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Recording		
Video/Audio Compression		H.264/G.711/PCM
Record	Main stream	1080P/720P/960H/D1/HD1/2CIF/CIF(1~25/30fps)
Rate	Extra stream	960H/D1/CIF/QCIF(1~25/30fps)
Bit Rate		32~8192Kb/s
Recording Mode		Manual, Schedule(Regular(Continuous), MD, Alarm), Stop
Recording Interval		1~60 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec
Video Detection & Alarm		
Trigger Events		Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Spot, Buzzer & Screen tips
Motion Detection		Motion Detection, MD Zones: 396(22× 18), Video Loss & Camera Blank
Alarm Input		16 channel
Relay Output		6 channel
Playback & Backup		
Sync Playback		1/4/8/16
Search Mode		Time/Date, Alarm, MD & Exact search (accurate to second), Smart search
Playback Functions		Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection,Digital zoom
Backup Mode		USB Device/eSATA Device/Internal SATA burner/Network
Network		
Ethernet		2RJ-45 port (10/100M/1000M)
Network Functions		HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, Alarm Server
Max. User Access		128 users
Smart Phone		iPhone, iPad, Android, Windows Phone
Storage		
Internal HDD		8 SATA ports, up to 32TB
External HDD		1 eSATA
Auxiliary Interface		
USB		4 ports(2 Rear), USB2.0
RS232		1 port, For PC communication & Keyboard
RS485		1 port RS485 for PTZ control,1 port RS422 for Keyboard
General		
Power Supply		AC 100~240 V, 50/60 Hz
Power Consumption		40W(without HDD)
Working Environment		-10°C~+55°C/10%~90%RH/86~106kpa
Dimension(W×D× H)		2U, 440mm× 460mm× 89mm
Weight		7.5KG(without HDD)

