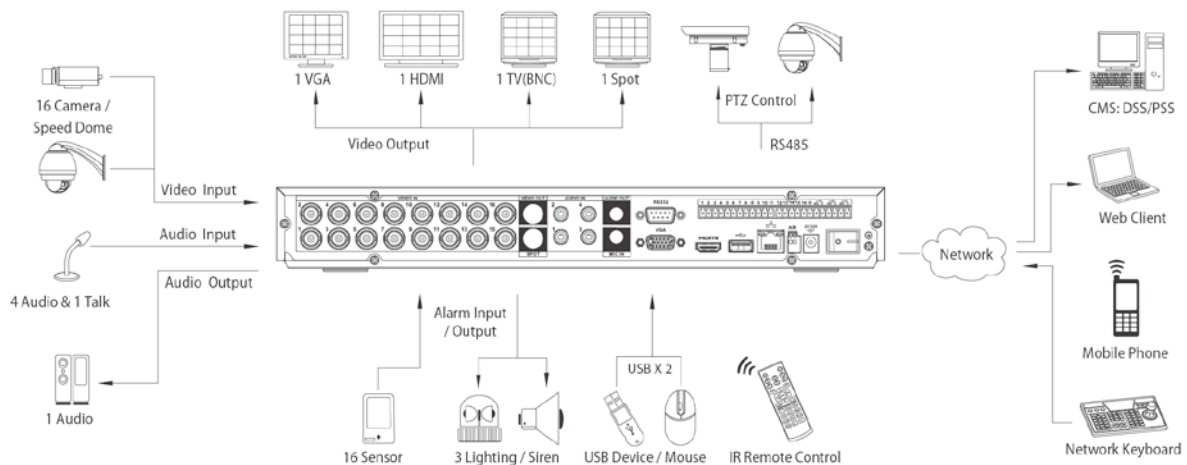# DR2516A

16 All Channel D1/960H Mini 1U Standalone Hybrid DVR

Features

- Up to 16 cameras with 1080p realtime preview
- H.264 dual-stream video compression
- All channel D1(4CIF)/960H
- Hybrid with IP Cameras
- HDMI / VGA / TV simultaneous video output
- All channel synchronous realtime playback, GRID interface & smart search
- 3D intelligent positioning with Dahua PTZ dome camera
- Support 2 SATA HDD up to 4TB, 2 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- Support QR Code P2P function

System Connection

DR2516A

Technical Specifications

Model	DR2516A
System	
Main Processor	embedded processor
Operating System	Embedded LINUX
Video	
Input	16 channel BNC
Standard	NTSC(525LINE,60F/S) PAL(625Line, 50f/s)
Audio	
Input	1 channel, RAC
Output	1 channel, RAC
Two-Way Talk	1 channel Input, 1 channel Output,
Display	
Display Split	1 HDMI, 1 VGA, 1 TV
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768
Display Split	1 / 4 / 8 / 9 / 16
Privacy Masking	4 RECTANGULAR ZONES
OSD	Camera title, time, video loss, camera lock, motion detection, recording
Recording	
Compression	H.264 / G711
Recording Resolution	960H(960x576) / D1(704×576) / CIF(352×288) / QCIF(176×144)
Hybrid with IP Camera	12 pcs Analogues and 4 pcs IP Cameras
Max Recording Speed	Main Stream: 960H/D1/HD1/2CIF/CIF(1~25fps) Extra Stream: CIF/QCIF(1~250fps)
Bit Rate	48 ~ 4096kbps
Recording Mode	Manual, Schedule(Regular(Continuous), MD(Video detection: Motion detection, Camera blank, Video loss), Alarm), Stop
Recording Priority	Manual >Alarm >MD >Regular
Recording Interval	1~120min (default: 60min) ; Pre-record: 1~30sec, Post-record: 10~300sec
Video Detection & Alarm	
Trigger Events	Recording, PTZ movement, Tour, Alarm, Email, FTP, Buzzer & Screen tips
Motion Detection	Zones: 396(22×18), Sensitivity: 1~6 (level 6 is highest)
Alarm Input	16 channel
Relay Output	3 channel
Playback & Backup	
Sync Playback	1 / 4 / 9 / 16
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search
Playback Function	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 drive / Network

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Network	
Ethernet	RJ-45 port (10/100M)
Network Function	HTTP, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search(Support Dahua IP camera, DVR, NVS)
MaxRemote Users	20 Users
Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information
Hard Disk	
Internal HDD	2 SATA ports, Up to 8TB
Auxiliary Interface	
USB Interface	2 ports(1Rear),USB2.0
RS232	For PC & Keyboard
RS485	PTZ control
Environmental	
Power Supply	DC12V/ 3.3A
Power Consumption	15W(without HDD)
Working Environment	-10 ~+55°C / 10~90%RH / 86~106kpa
Dimension	1U, 325mm×285mm×45mm(W×D×H)
Weight	12.35KG(without HDD)

PC CMS Software

- Register up to 1000 channels connection and 64 live viewing at 1 screen, support max 121(11x11) view
- Support DVRs, video servers, IP cameras, decoders and other network products connection.
- PTZ, bidirectional talk, camera settings, color adjustment
- Support device management, configuration, reboot and other operations
- Support decoder connection to realize virtual matrix system and video wall display
- Support different alarm types: external, motion detection, video loss, camera masking and etc.
- Support video monitoring project, layout configuration, recording plan and etc.
- Device status and other information provided in the "health report"
- Support video search from local PC, device itself and other storage center
- Used for the central monitoring system