

DR2516A



DR2516A DVR (Digital Video Recorder)

Description

DR2516A DVR (Digital Video Recorder) is a high performance network video surveillance system for high-end, convenient, and reliable IP-based real-time monitoring and video recording. Powered by Dual-core embedded processor CPU, the Linux-embedded DVR supports 16 channel H.264 and G.711 recording from any analogue camera. With high performance handle capacity, **DR2516A** DVR supports long-term and high performance D1 realtime(25fps) recording and viewing from anywhere over the web, independent of any PC. and smart mobile phone, iPhone, iPad, Adroid.

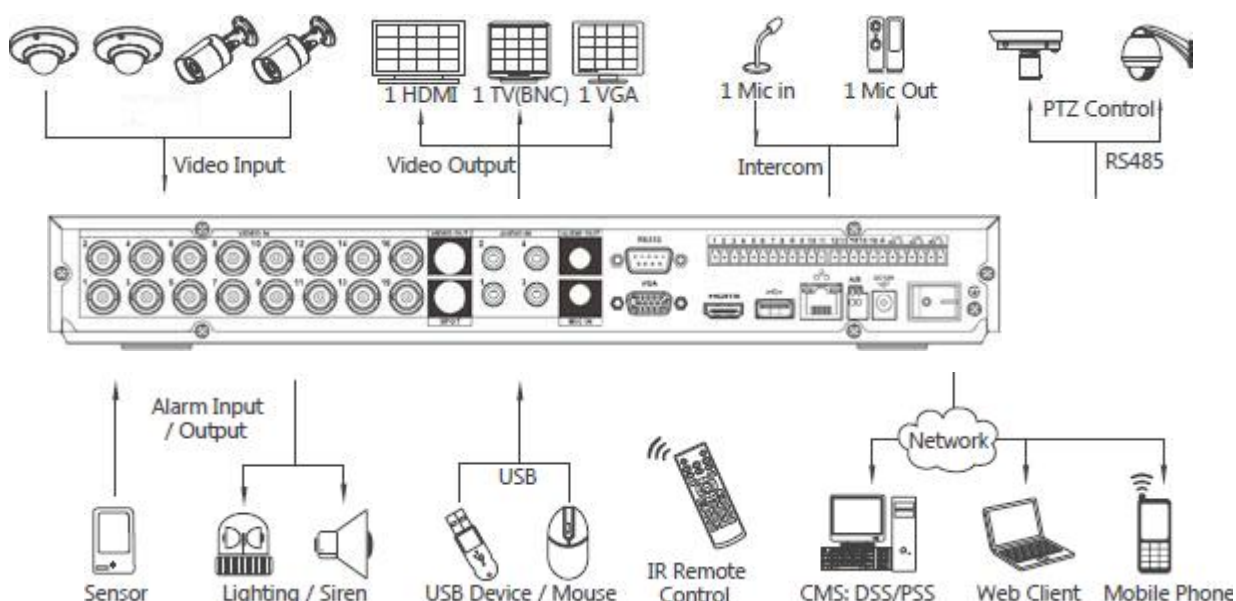
DR2516A DVR offers high quality video recording and is yet simple to use and easy to maintain. It is an ideal end-to-end network surveillance system for system integrators, SMB, and enterprise users.

Powerful Features

- Up to 16 channel with 1080P realtime live view
- H.264/MJPEG dual-stream decoding
- Full channel @**960H(960x576)** realtime recording
- **Hybrid DVR**: 12 x 960H Analogue camera & 4 x 1080P IP Camera
- **1080P** HDMI/VGA/TV simultaneous video output
- 1 / 4 / 9 / 16 channel synchronous realtime playback, GRID interface
- 1 / 4 / 8 / 9 / 16 channel synchronous realtime preview, GRID interface
- Support **2 SATA** HDDs up to 8TB, 2 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & iPhone, iPad, Adroid(DMSS)



System Connection



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



Mobile Phone Surveillance Software



iDMSS for ios System :

gDMSS for Android System :

DMSS for Blackberry System :

DMSS for Symbian System :

DMSS for Window Mobile System :

DMSS for Windows System :

Support iPhone OS 4.1 or higher and iPad

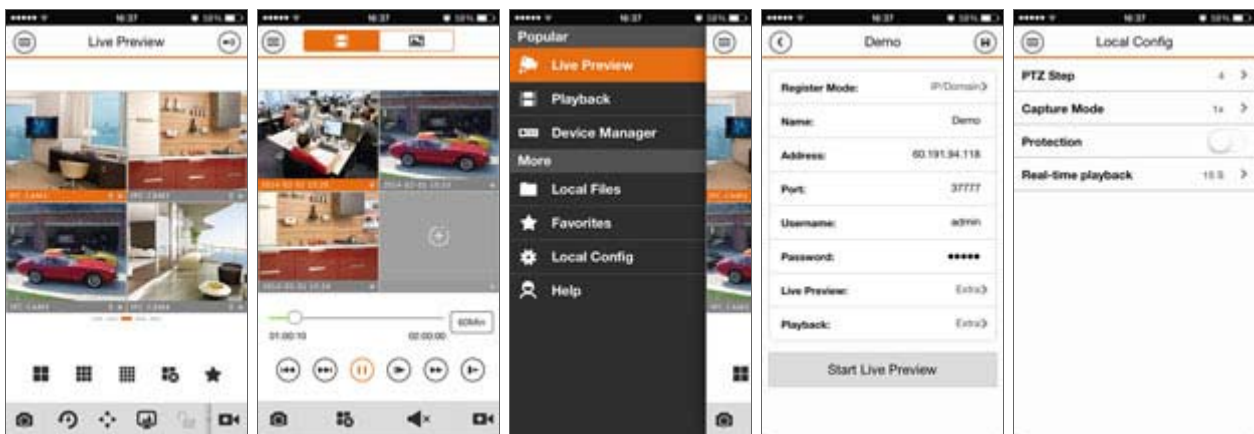
Support Android OS 2.0 or higher.

Support Blackberry OS 4.6 or higher (Not support 7.0 OS).

Support Symbian S60 3rd.

Support Windows Mobile OS 5.0 or higher.

Support Windows Phone OS 7.0 or higher



Technical Specifications

DR2516A

Main Processor Dual-core embedded processor

Operating System Embedded LINUX

Video

Input 16 channel, BNC

Standard PAL(625Line, 50f/s)

Audio

Input 4 channel, RCA

Output 1 channel, RCA

Two-way Talk 1 channel Input, 1 channel Output, BNC

Display

Interface	1 HDMI, 1 VGA, 1TV, 1 Spot, BNC
Resolution	1920x1080, 1280x1024, 1280x720, 1024x768
Display Split	1 / 4 / 8 / 9 / 16
Privacy Masking	4 rectangular zones (each camera)
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Recording	
Compression	Video: H.264, Audio: G.711
Resolution	960H(960x576) / D1(704x576) / HD1(352x576) / 2CIF(704x288) / CIF(352x288) / QCIF(176x144)
Record Rate	Main Stream: 960H /D1/HD1/2CIF/CIF(1~25fps), Extra Stream: CIF/QCIF(1~25fps)
Bit Rate	48~ 4096kbps
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop
Record Interval	1~120 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, Buzzer & Screen tips
Video Detection	Motion Detection, MD Zones: 396(22x18), Video Loss & Camera Blank
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 Device / Network
Network	
Ethernet	1 RJ-45 port (10/100/1000Mbps)
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search(Support Dahua IP camera, DVR, NVS and etc.)
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Storage	
Internal HDD	2 SATA ports, up to 8TB
Auxiliary Interface	
USB	2 ports USB2.0
RS232	1 port, For PC communication & Keyboard
RS485	1 port, For PTZ control
General	
Power Supply	DC12V/ 3.3A
Power Consumption	15W (without HDD)
Working Environment	-10°C ~ +55°C / 10% ~ 90%RH / 86~106kpa
Dimension(WxDxH)	1U, 375mmx285mmx45mm
Weight	2.35KG (without HDD)