



HDMI, VGA and Video outputs, DVD Quality recording, Mouse, H.264, Live display and Live Record 30fps

Channels	Record	Display	Per Camera	Storage	Compression
16	480fps	480fps	30fps	250 GB	H.264

Product Details

- New standard for DVR with high performance and competitive price
- H.264 compression algorithm ideal for standalone DVR
- Realtime live display up to 16 cameras with 1080P high definition
- 480 fps recording for CIF and special channel 4CIF realtime recording.
- Dual encoding streams support, flexible for network transmission and mobile phone monitoring
- Pentaplex function: live, recording, playback, backup & remote access
- 16 Channel simultaneous playback support
- Smart video detection: motion detection, camera blank, video loss
- Smart camera settings: privacy masking, camera lock, color setting, and title display
- Supported 3D intelligent positioning function with our Speed Domes
- Alarm triggering screen tips, buzzer, PTZ preset, e-mail, FTP upload
- Powerful network software: built-in web server, multi-DVR clients, MSS (Mobile Surveillance Software for smart phones) & CMS & Iphone compatible.
- iPhone applications download from iTunes at an additional charge: 4ch \$99.95, 8ch \$149.95 16ch \$199.95

- **Specifications**
- **Drivers & Manuals**
- **Photos & Videos**
- **Accessories**

Specifications

System

Main Processor	High performance embedded microprocessor
Operating System	Embedded LINUX
System Resources	Pentaplex function: live, recording, playback, backup & remote access
User Interface	GUI, on-screen menu tips
Control Device	Front panel, USB mouse, keyboard, IR remote control, network keyboard
Input Method	Numeral / Character / Denotation
System Status	HDD status, data stream statistics, log record, bios version, on-line user etc.

Video

Video Input	4/8/16 Channel, BNC, 1.0Vp-p, 75 Ohms
Video Output	1 channel TV output, BNC, 1.0Vp-p, 75 Ohms, 1 VGA output, 1 HDMI

	output
Video Standards	PAL (625 Line, 50f/s) NTSC (525 Line, 60f/s)
Video Compression	H.264
Video Resolution	D1(4C) NTSC: 704x480, PAL: 704x576 C NTSC: 352x240, PAL: 352x288 QC NTSC: 176x120, PAL: 176x144 C/QC: PAL 1f/s~25f/s, NTSC 1f/s~30f/s
Video Recording	4C◆◆◆◆: PAL 1f/s-25f/s NTSC 1f/s-30f/s
Video Display Split	Full and multiple screen display
Tour Display	Support
◆◆Image Quality	1~6 level (level 6 is the best)
Privacy Masking	4 self-defined four-sided zones for privacy masking for each camera
Camera Lock	Camera locked for users
Camera Adjustment	Adjust color according to different time period
Video	Camera title, time, video loss, camera lock, motion detection, recording
◆◆Information	
TV Output	
Adjustment	Adjust TV output color & display zone
Audio	
Audio Input	4/8/4 Channel, BNC, 200-2800mV, 30K Ohms
Bidirectional Talk	
Input	1 Channel, BNC, 200-2800mV, 30K Ohms, same with the 1st channel
Audio Output	1 channel, BNC, 200-300mv, 5K Ohms
Audio Compression	G.711
Video Detection & Alarm	
Motion Detection	Zones: 396 (22*18) detection zones Sensitivity: 1~6 (level 6 is highest) Trigger recording, PTZ movement, tour, alarm, email
Video Loss	Trigger recording, PTZ Movement, tour, alarm, email
Camera Blank	Trigger recording, PTZ Movement, tour, alarm, email
Alarm Input	4/8/16 channel, programmable, ground, manual open/closed Trigger recording, PTZ movement, tour, alarm, email
Relay Output	3/3/3 channel, 30VDC, 1A, NO/NC, form-C
Hard Disk	
Hard Disk	1 SATA port, 1 HDD supported
Space Occupation	Audio: 14.4MB/H Video: 56~500MB/H
HDD Management	Hard disk hibernation technology, HDD faulty alarm
Record, Playback & Backup	
Recording Mode	Manual, continuous, video detection (including motion detection, camera blank, video loss), Alarm
Recording Priority	Manual > Alarm > Video Detection > Continuous
Recording Interval	1 to 120 minutes (default: 60 minutes), Pre-record up to 30 seconds, Post-record up to 5 minutes
Overwrite Mode	Support

Search Mode Time/Date, Alarm, Motion Detection & exact search (accurate to second)
Playback 16 channel playback simultaneous
Digital Zoom Selected zone can zoom into full screen during playback
Backup Mode Flash disk / USB HDD / USB CD/DVR-RW/ Network download

Network

Interface RJ-45 Port (10/100M)
Network Functions TCP/IP, UDP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Email, Alarm Server
Remote Operation Monitor, PTZ control, playback, system setting, file download, log information

Auxiliary Interface

USB Interface 2 ports, 1 for mouse control, 1 for backup
RS232 DAHUA keyboard, PC communication
RS485 PTZ control

Environmental

Power Supply 220V 50Hz / 110V 60Hz
Power Consumption 25W
Working Temperature -10C ~ 50C
Working Humidity 10%~90%
Atmosphere Pressure 86kpa~106kpa
Dimension 1U, 375mm x 285mm x 45mm (WxDxH)
Weight 2.35KG (without HDD)
Mounting Desktop or rack

Drivers & Manuals

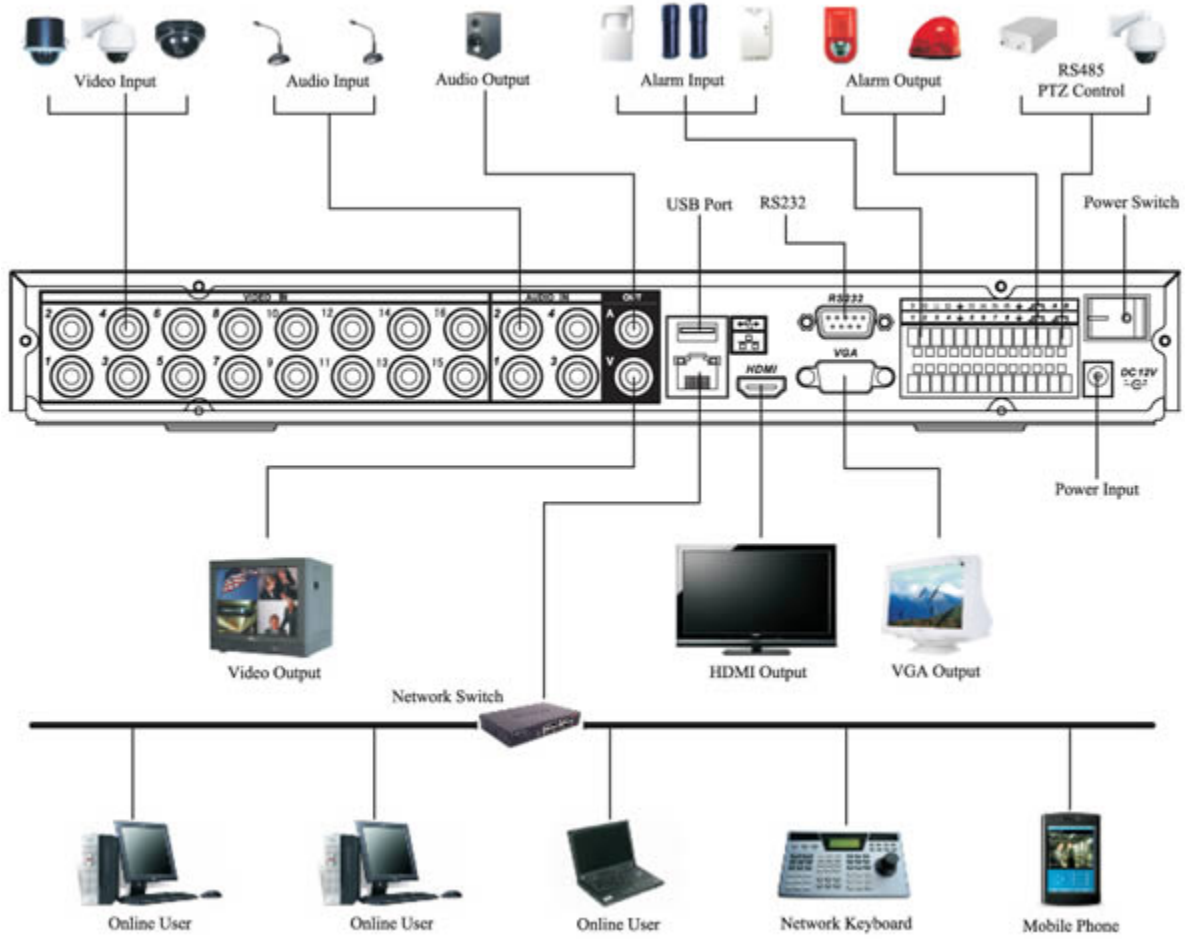
Standalone - C2Max DVRs

[C2MAX Series DVR Quick Start Guide](#) (updated 9/17/2009)

[C2MAX Series DVR User Manual](#)

[C2MAX Series DVR Video Player](#) (updated 12/15/2009)

Photos & Videos



Accessories