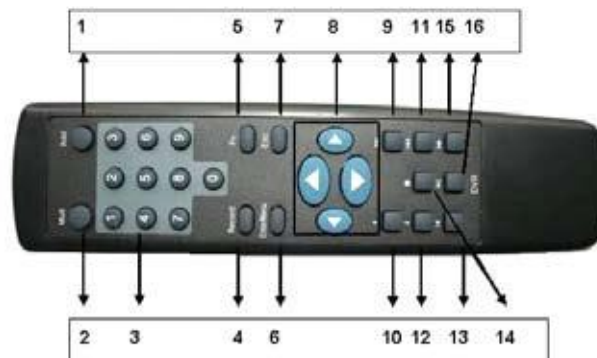




## Cube 4 Channel DVR

### Features

- H.264 compression algorithm ideal for standalone DVR
  - Realtime live display up to 4 cameras, 100s recording for CIF
  - Pentaplex function: live, recording, playback, backup & remote access
  - 1 x 250Gig or one 500gig HDD installed. (option)
  - Multiple control methods: IR remote controller, USB mouse all supplied. Smart video detection: motion detection, camera blank, video loss.
- Smart camera settings: privacy masking, camera lock, colour setting, and title display
- Pan Tilt Zoom and Speed Dome Control: more than 60 protocols supported, preset, scan, auto pan, auto tour, pattern, auxiliary function supported.
- 3D intelligent positioning function supported with Apollo Speeddome
- 4 channel audio inputs and cross talk supported
- Easy backup methods: USB devices & network download
- Alarm triggering screen tips, buzzer, PTZ preset.
- Powerful network software: built-in web server, multi-DVR client Networking access for remote live viewing, recording, playback, setting, system status, event log.



1	Remote switch	9	Forward
2	Multiple-window switch	10	Previous
3	0-9 number key	11	Back
4	Record	12	Next
5	Auxiliary key	13	Slow play
6	Confirm /menu key	14	Stop
7	Cancel	15	Fast play
8	Direction key	16	Play/Pause

## 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 IR remote control, network keyboard.
Input Method	Numerical/Character/Denotation
System Status	HDD status, data stream statistics, log record, bios version, on-line user etc.

## Video

Video Input	4 channel, BNC, 1.0Vp-p, 75Ω,						
Video Output	2 channel TV output BNC, 1.0Vp-p, 75Ω 1 VGA output						
Video Standards	PAL (625Line, 50f/s) , NTSC (525Line, 60f/s)						
Video Compression	H.264						
Video Resolution	<table><thead><tr><th>Format</th><th>NTSC</th><th>PAL</th></tr></thead><tbody><tr><td>CIF</td><td>352 X 240</td><td>352 X 288</td></tr></tbody></table>	Format	NTSC	PAL	CIF	352 X 240	352 X 288
Format	NTSC	PAL					
CIF	352 X 240	352 X 288					
Video Recording	CIF: PAL 1f/s-25f/s NTSC 1f/s-30f/s.						
Video Display Split	Full and multiple screen display, 1 / 4						
Tour Display	Support						
Image Quality	1~6 level(level 6 is the best)						
Privacy Masking	Self-defined four-sided zone for privacy masking for each camera						
Camera Lock	Camera locked for users						
Camera Adjustment	Adjust color according to different time period						
Video Information	Camera title, time, video loss, camera lock, motion detection, recording						
TV Output Adjustment	Adjust TV output color & display zone						

## Audio

Audio Input	4 channel, BNC, 200-2800mV, 30KΩ
Cross Talk Audio Input	1 channel, BNC, 200-2800mV, 30KΩ
Audio Output	2 channel, BNC, 200-3000mv, 5KΩ
Audio Compression	ADPCM

## Video Detection & Alarm

Motion Detection	Zones: 192 (16*12) detection zones Sensitivity: 1~6 (level 6 is highest) Trigger recording, PTZ movement, tour, alarm, e-mail & FTP
Video Loss	Trigger recording, PTZ movement, tour, alarm, e-mail & FTP
Camera blank	Trigger recording, PTZ movement, tour, alarm, e-mail & FTP

Alarm Input	4 channel, programmable, ground, manual open/closed Trigger recording, PTZ movement, tour, alarm, e-mail & FTP
Relay output	3 channel, 30VDC, 1A, NO/NC, form-C.

## Hard Disk

Hard Disk	1 IDE port(for 4 channel)
Space Occupation	Audio : 14.4MB/H Video : 56~400MB/H
HDD Management	Hard disk hibernation technology, HDD faulty alarm & Raid (Redundancy)

## 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)
Overwrite Mode	Support
Raid Function	Support
Search Mode	Time/Date, Alarm, Motion Detection & exact search ( accurate to second)
Playback	Play, pause, stop, rewind, fast play, slow play, next file, previous file, next camera, previous camera, full screen, repeat, shuffle, backup selection.
Digital Zoom	Selected zone can zoom into full screen during playback
Backup Mode	Flash stick/USB HDD/ USB CD-RW/DVD-RW/ network download

## Network

Interface	RJ-45 Port (10/100M)
Network Functions	TCP/IP, DHCP, DDNS, PPPOE, E-mail, FTP
Remote operation	Monitor, PTZ control, playback, system setting, file download, log information

## Auxiliary Interface

USB Interface	USB2.0, 2 ports, 1 for mouse control, 1 for backup
RS232	PC communication
RS485	PTZ control

## Environmental

Power Supply	220V 50Hz / 110V 60Hz
Power consumption	25W/30W/40W
Working Temperature	-10℃~+55℃
Working Humidity	10%~90%
Atmosphere Pressure	86kpa~106kpa
Dimension	1U, 375mmx285mmx45mm (W*D*H)
Weight	2.5KG
Mounting	Desktop or rack