

16ch Embedded Digital Video Recorder | H.264

## TECHNICAL SPECIFICATIONS



compatible mobile devices:

iPhone 
 BlackBerry 
 Android

### KEY FEATURES

- Embedded LINUX OS
- TI DSP Based Platform with self developed codec H264
- Triplex Operation (Record/ Playback/ Network)
- Real-time recording
- Independent resolution, fps, quality and audio
- Record Time Limit
- Quick & easy playback function
- Powerful search mode
- GMT Time zone & D.S.T supported
- Remote PTZ Control
- Two way audio communication supported
- Various archiving devices supported
- Flexible network supported
- Remote live viewing, searching, configuration, archiving
- Alarm in / Motion Detection / Video Loss / HDD SMART
- E-mail notification
- HDD PC Viewer
- Smartphone & PDA supported
- Easy Network Connection



graphic user interface (GUI)



central monitoring system (CMS)

OPERATING SYSTEM	LINUX OS
TRIPLEX FUNCTION	Simultaneous Record / Playback / Network
VIDEO COMPRESSION	H264 Codec (DSP) Based
LIVE DISPLAY	480/400fps
RECORDING SPEED	480/400fps @ CF
VIDEO INPUT	16ch (BNC)
VIDEO OUTPUT	
VGA MONITOR	1 VGA (1280 x 1024)
SUB MONITOR	1 Composite (BNC)
SPOT-OUT	1 Composite (BNC)
SCREEN DIVISION	
LIVE	14,6,8,9,16
PLAYBACK	14,16
AUDIO / IN / OUT	4 Line in (RCA) / 1 Line out (RCA), CODEC: G.711
ALARM / IN / OUT	4 in / 1 relay
STORAGE	1 HDD
ARCHIVE	USB-HDD / Memory & Network
USB PORT	2 Front (1 front + 1 rear)
PTZ & KEYBOARD CONTROL	RS-485
SYSTEM CONTROL	USB Mouse, front button, remote controller & keyboard controller
NETWORK	LAN, DHCP, Dynamic IP, DDNS
POWER	12V Adaptor, 3.3A, 50 - 60Hz
OPERATING TEMPERATURE	0°C - 40°C
HUMIDITY	10 - 90% NC
REMOTE SW	CMS support, web viewer
LIVE DISPLAY	
OSD	On / Off
BORDER COLOUR	Selectable
DIGITAL COLOUR	Up to 3x
SEARCH	
CALENDAR SEARCH	Search by time
EVENT SEARCH	Search by event
PLAYBACK	
PLAYBACK SPEED	Variable Playback (Max. 64 x)
AUDIO PLAY	Synchronized with video
SYSTEM	
VIDEO COVERT	Video will be hidden Live & Playback mode, but will be recorded
PTZ	Supported most of PTZ protocol, preset up to 255
MOTION AREA SETTING	Adjustable GRID (22x18), 10 steps sensitivity level
TIME SYNCHRONIZATION	Auto time sync. by NTP server
USER AUTHORITY	Each user group has different function
SYSTEM RELIABILITY	Watch dog, auto recovery after power failure
FIRMWARE UPGRADE	Via USB device
CONFIGURATION EXPORT & IMPORT	Setting configuration copy and paste to other DVR via USB
SMART ALARM	Auto-Detect & monitoring the HDD problem
RECORD	
RESOLUTION SETTING	By each camera for different resolution setting (CF/2CF/DI)
RECORDING QUALITY CONTROL	Low / Standard / High / Highest / Super
RECORDING SCHEDULE	By hour, by day, by recording mode, by alarm, by channel
PANIC RECORD	Overrides all other recording setting to provide the best quality recording
PRE-RECORDING	Max. 5 seconds
POST-RECORDING	Max. 180 seconds
ARCHIVE	
ARCHIVE DEVICE	USB-HDD / Memory Stick
FILE FORMAT	AVI file
BOOKMARK ARCHIVING	Supported
PLAYER	Backup player, Window Media Player and HD PC Viewer
NETWORK	
NETWORK SUPPORT TYPE	LAN / DHCP / DDNS
NET CLIENT & WEB SERVER PORT	Programmable by user
E-MAIL NOTIFICATION	E-mails to specific users to notify events
SYSTEM CONFIGURATION	Full setup configuration over network
BANDWIDTH LIMIT	Limited network bandwidth by user
TWO-WAY AUDIO	Communication with remote SW
DIMENSION	318 x 250 x 58 (H), 13U Case
WEIGHT	3.1 Kg