

iDVR PRO Series Digital Video Recorder



The iDVR-PRO is a CCTV digital video recorder (DVR) utilizes an embedded LINUX operating system. The iDVR-PRO comes in 8 or 16 channel models (iDVR-PRO8 and iDVR-PRO16). iDVR PRO series DVRs are compatible with MAC and Windows computers remote viewing. Users can also access this 8/16 channel DVR via all major mobile phone types including the Apple iPhone, iPad, Google Android / Droid, Blackberry or Windows Mobile for instant access from anywhere. Free apps are available to download.

SPECIFICATIONS

Model	8 Channels / Cameras	16 Channels / Cameras
Operating System	Linux	
Pentaflex Function	Simultaneous LIVE, Record, Playback, Archive and Network	
Video Compression	H.264 Code (DSP based)	
Live Display Feed	240 fps	480 fps
Recording Speed	240	480
Video Input	8 Channel (BNC)	16 Channel (BNC)
Loop Out	8 Channel (BNC)	16 Channel (BNC)
Video Output: HDMI	Max 1680 x 1050	
Video Output: VGA Monitor	1 VGA 1024 x 768	
Video Output: SUB Monitor	1 Composite (BNC) / 1 SVHS	
Video Output: Spot Out	2 Analog (BNC)	4 Analog (BNC)
Screen Division: LIVE	1, 4, 6, 8	1, 4, 6, 8, 9, 16
Screen Division: Playback	1, 4, 8	1, 4, 16
Audio in / Out	8 Line in (RCA) / 1 Line Out	16 Line In (RCA) / 1 Line Out (RCA)
Alarm In / Out	8 In / 8 Out, 2 Relay Out	16 In / 16 Out, 4 Relay Out
Storage	Up to 4 HDDs (SATA) + 1 ODD	
Archive	USB Device, CD/DVR-RW & Network	
USB Port	3 (2 Front and 1 rear of device)	
PTZ & Keybd Control	RS-485	
System Control	USB Mouse, Front Button, Remote Controller & Keyboard Controller	
Network	LAN, DHCP, Dynamic IP and DDNS	
Power	SMPS, MAX 200W, 100~220VAC, 50~60Hz	
Operating Temperature	0 ~ 40 Degrees Celsius	
Humidity	10 ~ 90% NC	
Remote SW	CMS Support, Web Browser, PDA Viewer and SMART PHONE	

LIVE DISPLAY	
OSD	ON / OFF
Border Color	Selectable
Digital Zoom	Up to 4 X
SEARCH	
Calendar Search	Search by Time
Event Search	Search by Event
Panorama Search	Frame by Frame / Multi Hour
PLAYBACK	
Playback Speed	Variable Playback (Max 64 x)
Instant Playback	Instant Playback mode for quick view
Audio Play	Synchronized with Video
SYSTEM	
Video Convert	Video will be hidden live & Playback mode, but will be recorded
PTZ	Support common PTZ protocol, present up to 255
Motion Area Setting	Adjustable GRID (16 x 16), 10 steps sensitivity level
Time Synchronization	Auto Time Synch, 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 and ODD
S.M.A.R.T. Alarm	Auto Detect & Monitoring the HDD's problem
RECORD	
Resolution Setting	By each camera for different setting (CIF / 2 CIF / D1)
Recording Quality Control	5 Levels (Low / Standard / High / Highest / Supper)
Recording Schedule	By House, by Day, by Recording mode, by Alarm, by Channel
Panic Record	Overrides all other recording settings to provide best quality recording
Pre-recording	MAX. 5 Seconds
Post-recording	MAX 180 seconds
ARCHIVE	
Archive Device	CD / DVD / USB device
File Format	AVI File
Bookmark Archiving	Supported
Player	Backup Player, Window Media and ETC.
NETWORK	
Network Support Type	LAN / DHCP / DDNS
Net Client & Web Server Port	Programmable by User
Email Notification	Email sent to specific users upon the triggers of specific event
System Configuration	Full set up configuration over network
Bandwidth Limit	Limitable Network Bandwidth by User
Two-Way Audio	Communication with remote SW
OTHERS	
Watermark	Watermarked Video & Audio for security

