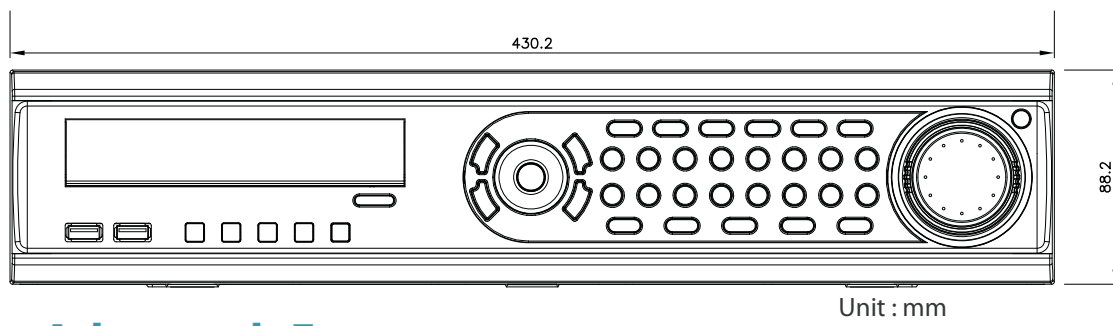


TITAN DVR

8Ch/16Ch



Intelligent Real-time Digital Video Recorder - H.264



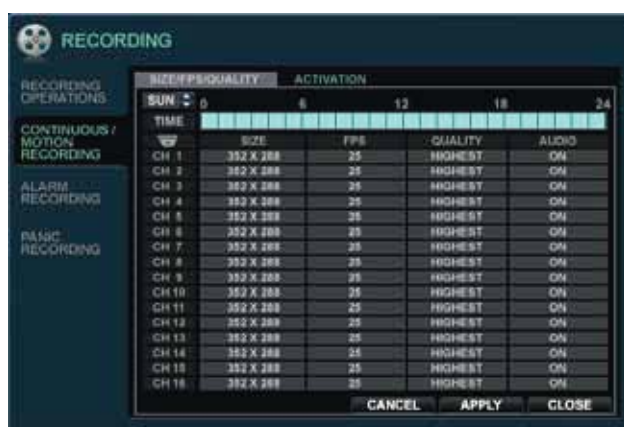
Advanced Features

- ◆ TI Davinci Based Platform w/ Powerful self developed codec(H.264)
- ◆ True Pentaplex Operation Performance - Live / Record / Playback / Archive / Network
- ◆ Real-time Recording speed up to 480FPS @ CIF
- ◆ Support HDMI (Max 1680X1050)
- ◆ Support 1024X768 display resolution
- ◆ Independent Resolution, FPS, Quality and Audio setting per channel
- ◆ Instant playback by clicking right-mouse button
- ◆ Real-time log viewer
- ◆ Support PDA Viewer and Smart Phone
- ◆ Online Help (PDF) Support
- ◆ Multi Channel , Instant , PIP, Panorama Playback Support
- ◆ Powerful Search Mode(Calendar, Timeline, Event, Panorama and multi-hour Search)
- ◆ Quick & Easy playback function(Forward & Reverse, Max. 64x)
- ◆ G.M.T Time zone & D.S.T supported
- ◆ Remote PTZ control supported
- ◆ Two way audio communications supported
- ◆ Various Archiving Devices supported (CD/DVD-RW, USB device, Network)
- ◆ Flexible Network supported(Static IP, DHCP, DDNS)
- ◆ Remote Live viewing, searching, configuration, archiving
- ◆ Easy firmware upgrade via USB
- ◆ Alarm/Motion Detection/Video Loss/HDD SMART
- ◆ E-mail notification, Video Pop-up

GUI Overview



(MAIN ME)



(RECORDING SETUP)



(SEARCH)

SPECIFICATION

Model	TITAN 8ch	TITAN 16ch	
Operating System	LINUX		
Pentaplex Function	Simultaneous Live/Record/Playback/Archive/Network		
Video Compression	H.264 Codec(DSP Based)		
Live Display Speed	240/200fps	480/400 fps	
Recording Speed	240/200fps	480/400 fps	
Video Input	8CH(BNC)	16CH(BNC)	
Loop out	8CH(BNC)	16CH(BNC)	
Video Output	HDMI	MAX (1680X1050)	
	VGA monitor	1 VGA(1024X768)	
	Sub monitor	1 Composite(BNC) / 1 SVHS	
	Spot-out	2 Analog(BNC)	4 Analog(BNC)
Screen Division	Live	1,4,6,8	1,4,6,8,9,16
	Playback	1,4,8	1,4,16
Audio In/Out	4 Line in(RCA)/ 1 Line out(RCA), CODEC:G.711		
Alarm In/Out	8 In/ 8 Out, 2 Relay out	16 In/ 16 Out , 4 Relay out	
Storage	Up to 4 HDD's(SATA) + 1 ODD		
Archive	USB Device, CD/DVD-RW & Network		
USB Port	3(Front 2, Rear 1)		
PTZ & Keyboard control	RS-485		
System Control	USB Mouse, Front button, Remote controller & Keyboard controller		
Network	LAN, DHCP, Dynamic IP, DDNS,		
Power	SMPS, MAX.200W, 100~220VAC, 50~60Hz		
Operating Temperature	0°C ~ 40°C		
Humidity	10 ~ 90% NC		
RemoteSW	CMS/RA support, Web Browser, PDA Viewer, Smart Phone		

MAIN FEATURES

LIVE DISPLAY	
OSD	On/Off
Border Color	Selectable
Digital Zoom	up to 4X
SEARCH	
Calendar Search	Search by time
Event Search	Search by event
Panorama Search	Frame by Frame / Multi-hour
PLAYBACK	
Playback Speed	Variable Playback(Max.64x)
Instant playback	Instant playback mode for quick review
Audio Play	Synchronised with Video
SYSTEM	
Video Covert	Video will be hidden Live & Playback mode, But it will be recorded
PTZ	Supported most of PTZ protocol, Preset up to 255
Motion Area Setting	Adjustable GRID(16X16), 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 and ODD
Configuration Export & S.M.A.R.T. Alarm	Setting configuration copy & paste to other DVR via USB Auto-Detect & monitoring the HDD's problem
RECORD	
Resolution Setting	By each camera for different resolution setting(CIF/2CIF/D1)
Recording Quality Control	5 Levels (Low/Standard/High/Highest/Super)
Recording Schedule	By hour, by day, by recording mode, By alarm, By Ch
Panic Record	Overrides all other recording settings to provide the 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 Player and etc.
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	Limitable Network Bandwidth by User
Two-Way Audio	Communication with RemoteSW
Others	
Watermark	Watermarked Video & Audio for security