

NF-1648

Premium Standalone DVR



Highlighted Features:

- TI DaVinci Based Platform w/ Powerful self developed codec(H.264)
- True Pentaplex Performance - Live / Record / Playback / Archive / Network
- Real time Recording speed up to 480fps (16ch) @ CIF
- Supports 1280 x 1024 display resolution (4CIF, High Definition Display)
- Independent Resolution, FPS, Quality and Audio setting per channel
- Configurable 4 Digital Spot Outputs
- Instant playback by clicking right-mouse button
- Real-time log viewer with snapshot image
- Powerful Search Mode(Calendar, Timeline, Event, Panorama and multi-hour Search)
- Quick & Easy playback function (Forward & Reverse, Max. 64x)
- Supports G.M.T Time zone & D.S.T.
- Remote PTZ control
- Two way audio communications
- Supports Various Archiving Devices (CD/DVD-RW, USB device, Network)
- Flexible Network support (Static IP, DHCP, DDNS)
- Remote Live viewing, searching, configuration, archiving
- Easy firmware upgrade via USB, Network
- Alarm/Motion Detection/Video Loss/HDD SMART
- E-mail notification, Video Pop-up
- Supports Smartphone & PDA

Specification:

General

Performance		PENTAPLEX
Display Speed (NTSC / PAL)		480 / 400 fps
Recording Speed	Max. CIF (360*240)	480 / 400 fps
	Max. CIF (704*240)	240 / 200 fps
	Max. CIF (704*480)	120 / 100 fps
Video In	Signal Level	1.0Vpp Composite (+-10%) / 75Ohm Balanced
	Channel	16CH(BNC)
Video Out	Main Display	1 VGA (1280 x 1024 or 800 x 600 selectable)
	Loop-Out	16CH(BNC)
	Spot out	4CH Digital(BNC) , Programmable Sequence
Audio	Input / output	4 Line in (RCA) / 1 Line out (RCA) , Codec:G.711(64Kbps)
Alarm	DI / DO	16 input / 16 digital out (5Vpp)
	Panic Alarm Input	Yes
Control Device		USB Mouse, Front button, Remote controller & Keyboard controller

Details

Screen	Display Split	1, 4, 6, 8, 9, 16
	Interface	Graphic User Interface
Video	Format	NTSC / PAL Auto detection
	Compression	H.264 Codec(DSP Based)
	Image Quality	Highest/ High/ Standard/ Low
	Recording type	Continuous/ Motion/ Alarm
Multi-Language Support		English, Spanish, Portuguese, Russian, Polish, Italian, Korean, Japanese, French, German
System Reliability	Functions	Water Mark, Watch Dog, Shutdown detection, Auto Recovery, Factory Default
	firmware Update	by USB or Network
Storage	Interface type	SATA
	HDD /Capacity	Up to 4 HDD"s(SATA), Support External Storage(Option)
	Recording HDD mode	Write once / Overwriting
Power	Source / Consumption	120 to 240 VAC / Approx. 60 watt
Connectors	USB port	3(Front 2, Rear 1)
	RS-232	1-D type female connector (for PTZ, GPS)
	RS-485	2 pin (for Keyboard, PTZ, GPS or POS connection)

Functions

Motion	Area / Sensitivity	Adjustable GRID(20X12), 10 Steps Sensitivity Level
Event	Source	Sensor in, Motion detection, Video loss
	Action	Recording, Digital Out, e-Mail notification, Log file, Send mess to Remote, Buzz Out, Pop Up Widow
	Pre/Post Alarm	Yes (Up to 5 sec / Up to 3 min)
PTZ	Signal input	RS 485 (Local & Remote Control)
Playback	Screen Split	1, 4, 16
	Speed	x1, x2, x3, x4, x8, x16, x32, x64, x128
	other functions	Yes
Back Up	file format	AVI
	Media	CD/DVD/USB device
Network	Protocol	TCP/IP(Dynamic IP Support), DHCP, DDNS
	Physical/Mac Layer	RJ45, Ethernet
	Max no. of connections	4 User
	other functions	Two-Way Audio, Bandwidth Trotting
	Browser	Remote S/W provided, Web Browser (Internet Explorer)
Other functions		Daylight Saving Time,

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Standard Standalone DVR



Highlighted Features:

- TI DaVinci Based Platform w/ Powerful self developed codec(H.264)
- True Pentaplex Performance – Live, Record, Playback, Archive, Network
- Real time Recording speed up to 240fps (8ch)@ CIF
- Supports HDMI (Max 1920 x 1080)
- Supports 1280 x 768 display resolution
- Independent Resolution, FPS, Quality and Audio settings per channel
- Instant playback by clicking right-mouse button
- Real time log viewer with snapshot image
- Online Help (PDF) Support
- Snapshot Uploading Function via e-mail
- 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)
- Supports G.M.T Time zone & D.S.T.
- Remote PTZ control supported
- Two way audio communications
- Supports Flexible Networks (Static IP, DHCP, DDNS)
- Remote Live viewing, searching, configuration, archiving
- Easy firmware upgrade via USB, Network
- Alarm/Motion Detection/Video Loss/HDD SMART
- E-mail notification, Video Pop-up
- Supports Smartphone & PDA
- Various Archiving Devices (CD/DVD-RW, USB device, Network)

Specification:

General

Performance	Pentaplex	
Display Speed (NTSC / PAL)	240 / 200 fps	
Recording Speed	Max. CIF (360*240)	240 / 100 fps
	Max. CIF (704*240)	120 / 50 fps
	Max. CIF (704*480)	60 / 25 fps
Video In	Signal Level	1.0 Vpp Composite (+-10%) / 75ohm Balanced
	Channel	8 ch(BNC)
Video Out	Main Display	1 VGA HDMI MAX(1920x1080)
	Loop-Out	8 ch(BNC)-Loop Out / 1ch(BNC) Out / 1 S-Video
	Spot out	4ch Analog(BNC), 8 ch(BNC)-Loop Out, 1 S-Video
Audio	Input / output	4 Line in (RCA) / 1 Line out (RCA)
Alarm	DI / DO	8 input / 8 digital out (5Vpp)
	Panic Alarm Input	Yes
Control Device	keypad/ PTZ Control Keyboard/ Remote Controller/ USB mouse	

Details

Screen	Display Split	1, 4, 5, 6, 8
	Interface	Graphic User Interface
Video	Format	NTSC / PAL Auto detection
	Codec	Modified H.264
	Image Quality	Highest/ High/ Standard/ Low
	Recording type	Continuous/ Motion/ Alarm
Multi-Language Support		English, Spanish, Portuguese, Russian, Polish, Italian, Korean, Japanese, French, German
System Reliability	Functions	Water Mark, Watch Dog, Shutdown detection, Auto Recovery, Factory Default
	firmware Update	by USB or Network
Storage	Interface type	SATA
	HDD /Capacity	Up to 4 HDD(4 HDD+1 odd) / Not limited
	Recording HDD mode	Write once / Overwriting
Power	Source / Consumption	100 to 240 VAC / Approx. 60 watt
Connectors	USB port	USB port *3 (2 Front, 1 Rear)
	RS-232	1 - D type female connector
	RS-485	2 pin (for Keyboard, PTZ, GPS or POS connection)

Functions

Motion	Area / Sensitivity	Adjustable(16x16 GRID) / 10 steps
Event	Source	Sensor in, Motion detection, Video loss
	Action	Recording, Digital Out, e-Mail notification, Log file, Send mess to Remote, Buzz Out, Pop Up Widow
	Pre/Post Alarm	Yes (Up to 5 sec / Post Alarm : Up to 3 min)
PTZ	Signal input	RS 485 (Local & Remote Control)
Search	Calendar search	Search by time
	Event search	Search by event
	Panorama search	Frame by Frame / Muti- hour
Playback	Screen Split	1, 4, 8
	Speed	x1, x2, x3, x4, x8, x16, x32, x64
	Instant playback	Instant playback mode for quick review
Back Up	file format	AVI
	Media	USB Device(HDD, DVD, Flash Memory), Network, CD/DVD-RW
Network	Protocol	TCP/IP(Dynamic IP Support), DHCP, DDNS
	Physical/Mac Layer	RJ45, Ethernet
	Max no. of connections	4 User
	other functions	Two-Way Audio, Bandwidth Trotting
	Browser	Remote S/W provided, Web Browser (Internet Explorer)
Other functions		Daylight Saving Time
		Supports Smartphone & PDA