

## DSP BASED STANDALONE SYSTEM NP-DX4016



### FEATURE

- Middle range MPEG-4 DSP based Stand Alone DVR Series
- True TRIPLEX (Recording, Playback, Networking in same time)
- Independent channel resolution, Quality, and frame rate settings
- USB mouse operation supported
- Graphic User Interface supported
- Extensive 3 different monitor outputs (Composite, VGA and S-Video) support
- Support Smart Search function
- Speedy and reliable Networking ( Full-Function Remote Agent with Administration Functions)
- Dynamic IP support - DDNS, DHCP
- Watermarked Video, Audio / Time Synchronization
- Auto Recovery, Shutdown detection, Water Marking for System reliability
- 2way audio communication supported
- Supporting PATA, SATA
- Copy Firmware updating, Configuration setting by USB and Apply
- Multi Language (English, Germany, French, Spanish, Italian, Japanese, Chinese, Polish, Russian)
- Daylight Saving Time Support
- E-mails to specific users to notify events such as alarm, motion detection, hard drive failure etc.
- Jog Shuttle : 1x – 128x playback speed, reverse & forward playback
- Panic Recording : Overrides all other recording settings to provide the best quality recording

### General

<b>Performance</b>		TRIPLEX
<b>Display Speed (NTSC / PAL)</b>		480 / 400 fps
<b>Recording Speed</b>	<b>Max. CIF (360*240)</b>	120 / 100 fps
	<b>Max. CIF (704*240)</b>	60 / 50 fps
	<b>Max. CIF (704*480)</b>	30 / 25 fps
<b>Video In</b>	<b>Signal Level</b>	1.0 Vpp Composite (+-10%) / 75ohm Balanced
	<b>Channel</b>	16 ch(BNC)
<b>Video Out</b>	<b>Main Display</b>	1 VGA
	<b>Loop-Out</b>	16 ch(BNC)-Loop Out / 1ch(BNC) Out / 1 S-Video
	<b>Spot out</b>	4ch Analog(BNC) / 16 ch(BNC)-Loop Out / 1 S-Video
<b>Audio</b>	<b>Input / output</b>	4 Line in (RCA) / 1 Line out (RCA)
<b>Alarm</b>	<b>DI / DO</b>	16 input / 16 digital out ( 5Vpp)
	<b>Panic Alarm Input</b>	Yes
<b>Control Device</b>		keypad/ PTZ Control Keyboard/ Remote Controller/ USB mouse

## Details

Screen	Display Split	1, 4, 5, 6, 8, 9, 16
	Interface	Graphic User Interface
Video	Format	NTSC / PAL Auto detection
	Codec	Modified MPEG-4
	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	PATA, SATA ( option )
	HDD /Capacity	Up to 4 HDD(3 HDD+1 odd) / Not limited
	Recording HDD mode	Write once / Overwriting
Power	Source / Consumption	120 to 240 VAC
Connectors	USB port	USB port *3 (2 Front, 1Rear)
	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 )
Playback	Screen Split	1, 4, 8, 16
	Speed	x1, x2, x3, x4, x8, x16, x32, x64
	other fucntions	Yes
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 fucntions	Two-Way Audio, Bandwidth Throtting
	Browser	Remote S/W provided, Web Browser (Internet Explorer)
Other functions		Daylight Saving Time