



Global Series Real Time Standalone DVR

NW-STA-7016

Features:

- . Intuitive Graphic User Interface operation
- . Easy & convenient remote firmware update on CMS server
- . Robust archiving & storage capability, support up to four HDD
- . Support SATA HDD & external HDD with USB interface
- . Multiple event schedule recording with motion detection, sensor
- . IP filtering - protect the system by unauthorized IP address
- . Superior & innovated networking solution with DDNS
- . MPEG4 compression technology & individual recording setup for all cameras
- . Superior image quality with real time display and recording on all 16 channels with 16 CH Audio support
- . Different frame setting for each camera, Pre-alarm, Post-alarm recording
- . Robust CMS (500 DVRS) / WEB CMS
- . Two-way audio communication & broadcasting by CMS server
- . Health control monitoring solution up to 1000 DVRs remote health check
- . Automated time synchronization by time server/ DST supported



SPECIFICATION	NW-STA-7016
Video (CH) / Audio (CH)	16 CH / 16 CH
Sensor / Alarm	16 / 4
Recording (fps)	480
Video	
Standard	NTSC
Input	16 CH
Loop output	Optional 8 or 16 Channel
Audio code	
Line input	16 CH Mono
Line output	1 CH, Live or Playback
Display	
Speed	Live (30 frame/ch)
Screen split	1 CH / 4 CH / 9 CH / 8 CH (POP) / 16 CH Screens
Sequence Mode	Full-SEQ / QUAD-SEQ
PIP	Supported
Digital Zoom	Supported, 2x
Recording	
Video code	Hardware MPEG4
Resolution	360 x 240 / 720 x 240 / 720 x 480
Size/Resolution	1~3 kB@360 x 240 / 360 x 288, 2~6 kB@720 x 240 / 720 x 288, 4~12 kB@720 x 480 / 720 x 576
Recording mode	Continuous / Event / Panic
Event Recording	Pre Rec (0~30 sec), Post Rec (0~120 sec), Intensive Recording
Recording Setup	Resolution, Image quality, Frame, per Channel, individual setup available, Max rec period
Search & Playback	
Search Method	Date - Time / Calendar / Event / First / Last
Search Speed	480 fps (CIF Base)
Max Search Speed &	Max: 1 CH (32x) / 4 CH (16x) / 9 CH (8x) / 16 CH (4x)
Multiple Remote Surveillance	
Network Type	Static / Dynamic / PPPoE / DDNS
DDNS	IP UPDATER / DYNDNS.ORG Supported
Port Range	7620~7624 (5Port, Changeable by Network Manager)
Bandwidth Control	Supported (64K~10MBPS / Unlimited)

Access IP List	Supported (Max 10 Users)	
User ID Reg	Supported (Max 5 Users)	
Remote Upgrade	Supported by CMS	
Support	CMS / Web CMS / CAMS (Optional)	
WEB Port	Supported (Default 80 port)	
Multi Connection	Supported multiple client (9 Users simultaneously)	
Remote Control	Remote Setup / Remote Search Supported etc	
Backup Viewer		
Storage support	CD / DVD-ROM / USB HDD, Flash Memory 2.0	
Auto Backup	Supported (External USB-HDD, Max 4 HDD)	
AVI Backup	From CMS available	
Backup Viewer	Supported	
External CD/DVD	Supported (USB Type)	
System management		
Self Diagnosis Tool	Support for System Health Check Interface via CC (as optional solution at Monitoring center)	
Watchdog	Two individual watchdogs (H/W & S/W)	
Motion Detection		
Sensitivity Control	10 Levels (0~9)	
Cell Density	8 x 8	
Alarm		
Sensor input	16 CH x NC or NO / Non-isolated HCMOS, input, GND common, 4.7kΩ pulled up to +5V.	
Alarm output	4 CH / TTL	
Storage		
Internal	Max x 4 SATA HDD (Default-0)	
Optical	1 x CD-RW or DVD-RW (SATA, USB)	
External HDD	Supported (USB 2.0) as Backup Device	
I/O Ports		
Video code	Video In	16 x BNC
	Video Loop	8 or 16 x Cable (optional)
	Composite out	1 x Video out (BNC), 1 x VGA DB15), 1 x S-Video (4 Pin Mini DIN)
Audio	Line in	16 CH x RCA (mono)
	Line out	1 CH x 3.5mm RCA Jack (mono)
Alarm	Sensor In	16 CH x 10 pin terminal block
	Alarm out	4 CH x 10 pin terminal block
System	LAN	10/100 Base Ethernet
	USB 2.0	2 x Rear, 2 x Front
	RS232C	1
	RS-485	2
	PTZ	RS-485 / Protocol (Pelco P/D etc...), preset (64) per CH, Preset SCAN (4) per CH
Control K/B	Supported	
Time Sync	Supported (*SNTP)	
System Upgrade	USB on DVR / Remote upgrade on CMS	
USB Mouse	Support (June, 2008)	
Summer Time	Supported	
Export, Import	Export & import Setup value	
Electrical		
AC Input	100~240V AC / 50 ~ 60Hz	
Power Consumption	<90 Watt (<180VA)	
Environmental		
Operating Temp.	5 ~ 40°C	
Storage Temp.	-5 ~ 60°C	
Humidity	30 ~ 80%RH (non-condensing)	
Physical		
Dimension (W x H x D) inches	17 x 3.5 x 17	
Weight (Net)	Appr. 24lbs (3 x HDD, 1 x DVD-R/W)	
Accessories		
Rack mounting Kit	2 x Guide, 6 x Screw (#6~32 x 5 FH)	
Options		
Device	HDD, DVD-RW, CD-RW	