

## 8CH Dual Hardware Codec JPEG2000 DVR

DVR-H22P-NT, DVR-H22N-NT



### 8 CH DVR( J2K-LD8120-17-D )

- ▶ 17" A grade panel
- ▶ Dual Hardware codec
  - JPEG2000 : Recording & Playback
  - H.264 : Transmission Via network
- ▶ 8 CH DVR 480(400) fps recording capability
- ▶ 4CH audio recording
- ▶ Triplex (Playback / Recording / Ethernet)
- ▶ Multi Language OSD
- ▶ IR Remote Controller
- ▶ USB (Device) port for firmware upgrade
- ▶ USB2.0 (Host) for back up
- ▶ Easy PTZ camera control by front panel buttons
- ▶ Remote viewer via network
- ▶ H.264 compression for high speed transmission
- ▶ Support DDNS (Dynamic Domain Name Server)
- ▶ Support Central Monitoring System (CMS)
- ▶ Operate by front panel, mouse and remote controller



### High Brightness IR Camera x 8

- ▶ Built-in color CCD camera (night vision) and lens
- ▶ Built-in IR LED
- ▶ Long life of LED up to 10,000 hours
- ▶ CDS delay control, avoid IR turn on/off repeatedly
- ▶ Weatherproof protection of the housing-IP66



### Cable x 8

- ▶ length : 20M
- ▶ BNC connector for video
- ▶ Power connector for CCD power supply



## Specifications

### JPEG2000 8 CH DVR

<b>Model Number</b>		J2K-LD8120-17-D	
<b>Compression</b>	JPEG2000 : Recording & Playback H.264 : Transmission Via network	<b>Relay Output</b>	1 (NO/NC)
<b>Storage Capacity</b>	2 SATA HDDs	<b>Backup</b>	Download via IP Network ,USB2.0 (HOST) back-up
<b>Video Input</b>	8CH BNC Connector	<b>IR Remote Controller</b>	Built-in
<b>Video Output</b>	Monitor / Spot monitor	<b>Network (TCP/IP)</b>	Remote Software (Remote live view , playback ,and save as AVI) ,IE (Remote live view ,backup ,and save backup to AVI) ,Two users access is available ,Transmission speed adjustable
<b>Audio</b>	4CH audio input ,1CH audio output		
<b>Split Screen</b>	1,4,6,8,9 split		
<b>Compressed Rate</b>	Low ,Mid ,High ,Super ,Hyper		
<b>Recording Speed</b>	NTSC 120fps(Full) ,240fps(Dual) ,480fps (Quad)	<b>CMS</b>	Available
	PAL 100fps(Full) ,200fps(Dual) ,400fps (Quad)	<b>Firmware upgrade</b>	USB port for firmware upgrade
<b>Recording Resolution</b>	Full (720x240 / 720x288) ,Dual (360x240 / 360x288) ,Quad(360x120 / 360x144)	<b>Operation Temperature</b>	41°F~104°F (5°C~40°C)
		<b>Operation Humidity</b>	Less than 90%
<b>Display</b>	Real time for all channel	<b>LCD Panel</b>	Diagonal : 17" TFT
<b>Simplex/Duplex/Triplex</b>	Triplex(Playback / Recording / Ethernet)	<b>LCD Display Resolution</b>	1280 x 1024
<b>Zoom</b>	Available	<b>LCD Color Resolution</b>	16.7M (8 bits)
<b>PIP</b>	Available	<b>LCD Pixel Pitch</b>	0.264mm (H) x 0.264mm (V)
<b>Motion Detect</b>	Area division : 16 x 12	<b>LCD Brightness</b>	300 cd/m <sup>2</sup>
<b>Recording Mode</b>	Time ,Motion ,Schedule ,Alarm , Emergency	<b>Dimension</b>	418mm(W) x 230mm(D) x 440mm(H)
<b>Search Mode</b>	Percentage Search ,Date / Time Search ,Event Search	<b>Weight(N.W)</b>	Approx 10kgs (W/O HDD)
<b>Password Protection</b>	Yes	<b>Power Supply</b>	DC Adapter(12V DC 8A above)
<b>Alarm Input</b>	8 Alarm (NO/NC)		

### High Brightness IR Camera

<b>Model Number</b>		NT-G15MR		
<b>Scanning System</b>	NTSC	525 lines 2:1 interlace	<b>Gamma Correction</b>	0.45
	PAL	625 lines 2:1 interlace	<b>SYNC System</b>	Internal
<b>Scanning Frequency</b>	NTSC	15,734Hz(H) ,60Hz(V)	<b>Lens</b>	4.3mm
	PAL	15,625Hz(H) ,50Hz(V)	<b>Video Output</b>	1.0 Vp-p 75 Ohm
<b>Effective Pixel</b>	NTSC	512(H) x 492(V)	<b>IR LED</b>	18 unit 850nm infrared LED
	PAL	512(H) x 582(V)	<b>IR Distance</b>	10~15 Meters (Subject to IR reflection conditions)
<b>Electronic Shutter</b>	NTSC	1/60-100,000sec.	<b>IR Status</b>	Under 10 Lux by CDS auto control
	PAL	1/50-100,000sec.	<b>LED Life</b>	More than 10,000 Hours
<b>Image Device</b>	1/3 " SHARP CCD		<b>Protection Class</b>	IP 66
<b>Horizontal Resolution</b>	420 TV lines		<b>Power Requirement(!O 10%)</b>	12V DC
<b>Sensitivity</b>	0.3Lux , 0 Lux at IR on		<b>Power Consumption(!O 10%)</b>	IR on : 220mA ,IR off : 80mA
<b>Signal to Noise</b>	More than 48dB (AGC Off)		<b>Construction</b>	Aluminum with sun-shield weatherproof
<b>Gain Control</b>	Auto		<b>Operation Temp</b>	Working : -10~+55°C , Storage : -30~+80°C , Humidity:0~95%R H
<b>White Balance</b>	Auto2500-9500°K		<b>Dimension</b>	128(D)x60(H)mm
<b>BLC</b>	Auto		<b>Weight(N.W)</b>	0.66kg

specifications and appearance are subject to change without notice