

# HS-900

## 9 Channel DVR



HS-900, Digital Multiplex Recorder is a device which uses digital technology to manage video image in HDD. It includes features such as timer setting for searching, excellent record quality, fast/ slow forward and reverse searching, and user-friendly operations. It is an intelligent digital security surveillance recorder.



### FEATURES

- Wavelet Compression Format replaces Time Lapse VCR + 9 CH multiplexer
- Stand-alone design
- 4 Level video quality adjustable: Best / High / Normal / Basic
- Support 9 Channels Multiplexing function
- 9 Channels are swappable and each channel has independent title generator
- Motion trigger recording function and it uses 15X12 target (NTSC) or 15X14 target (PAL) motion detection grids for each video channel
- 4 Channel alarm inputs, one alarm output and ALARM display
- Video loss detected in each channel can record up to 160 events
- Power-loss memory function
- Support 1 removable HDD, IDE type (over 200 GB)
- Quick Multiple Search by date / time, alarm, motion and full list
- Security password protection
- RS-232 and RS-485 communication protocol



## SPECIFICATION

<b>Video format</b>	NTSC/EIA or PAL/CCIR
<b>Hard disk storage</b>	IDE type, UDMA 66, supported 200 GB HDD
<b>Record mode</b>	Manual / Alarm / Timer / Motion
<b>Camera Input Signal</b>	Composite video signal 1 Vp-p 75 BNC, 9 channels
<b>Camera Loop Back</b>	Composite video signal 1 Vp-p 75 BNC, 9 channels
<b>Main Monitor Output</b>	Composite video signal 1 Vp-p 75 BNC
<b>Call Monitor Output</b>	Composite video signal 1 Vp-p 75 BNC
<b>Audio input</b>	4 audio inputs, (RCA) *
<b>Audio output</b>	2 audio outputs, (RCA) **
<b>Motion Detect Area</b>	15 * 12 targets per camera (NTSC) / 15 * 14 targets per camera (PAL)
<b>Motion Detect Sensitivity</b>	256 Levels
<b>Video Loss Detection</b>	Yes
<b>Refresh Rate</b>	Up to 120 images/sec. for NTSC / 100 images/sec. for PAL
<b>Recording Rate</b>	Up to 25 images/sec. for NTSC / 18 images/sec. for PAL
<b>Dwell Time</b>	Programmable (1~10 Sec)
<b>Picture in Picture</b>	Yes (Movable)
<b>Key Lock</b>	Yes
<b>Picture Zoom</b>	2*2 (Movable)
<b>Camera Title</b>	6 letters
<b>Video Adjustable</b>	Color/ Contrast/ Brightness Adjustable
<b>Alarm Input</b>	TTL input, Hi (5V), Low (GND)
<b>Alarm Output</b>	COM,/N.O
<b>Remote Control</b>	RS-232 or RS-485
<b>Time Display Format</b>	YY/MM/DD, DD/MM/YY, MM/DD/YY, OFF
<b>Power Source</b>	AC100~240V $\pm$ 10% switching adaptor
<b>Power Consumption</b>	<32W
<b>Operation Temperature</b>	10 ~ 40
<b>RS-232C / RS-485 (bps)</b>	115200, 57600, 19200, 9600, 4800, 3600, 2400, 1200
<b>Dimension (mm)</b>	430(W) x 300(H) x 65(D)
<b>Net Weight</b>	5.4 kgs

*Designs and specifications are subject to change without notice.*