

# Powerful DVR

## Digital Video Security

DigiNet DVR will solve your problem with frequent tape changes and poor image quality associated with analogue CCTV recording systems.



### DigiNet 1816 MAIN FUNCTIONS

- EASY PICTURE RETRIEVAL : Instantaneous picture retrieval by date/ time and camera number
- COMPACT PICTURE STORAGE : Extensive storage by compressing down to average 1-6kb per picture by original Engine-K CODEC Algorithm
- EVENT CONTROLLED RECORDING : Automatic recording of any moving object by motion detection zone set-up
- PICTURE TRANSMISSION : High quality picture transmission over PSTN, ISDN & LAN network
- EMERGENCY ALARMING : Automatic dialing to a monitoring centre
- MULTI SCREEN MONITORING : 1,4,6,9,10,13,16 Split Screen available
- REMOTE CONTROL : Remote Control of PTZ cameras & other electronic devices

### DigiNet 1816 SPECIAL

- Easy operation with a user friendly interface
- More economical than the timelapse V.C.R
- High resolution digital Image. No degradation.
- Permanent and event-controlled recording
- Password Protection
- Low management, operation and maintenance cost

### APPLICATION

- Banking facilities – Windows, CD/ATM & Financial institution
- Transportation Facilities – Airport, Highway, Train/Bus Station
- Distribution industries – Department, Grocery, Jewelry stores, Warehouse, Distribution Center
- Key industries – Dam, Government / Military compounds, Hospital, Power plant
- Others – Apartment, Parking lot, Factory, Laboratory, Parking building, Meteorological observatory, Skiing slope, Casino, Kindergarten, Museum

## SURVEILLANCE SCREEN



- Multi-Picture Display 16 Cameras
- Self-Programmable 1, 4, 6, 9, 10, 13, 16 Screen Split
- Endless and Synchronized Recording
- Partial or Whole Enlargement of any Picture
- Remote Surveillance
- User-Definable Motion Detection & Beeping Function
- Easy Operation with Graphical User Interface and Friendly On-screen Menu

## SEARCH SCREEN



- Direct & Immediate Search for any Picture by Date, Time and Camera.
- Various Searching Function: play back, forward, fast forward, backward, skip, slow motion, pause, frame by frame, zooming up and brightness control etc.
- External Back-up by 3.5" Floppy Disk
- Immediate Printing for Prosecution Evidence

## PAN/TILT SCREEN



- Pan/Tilt/Zoom and Focus Control up to 16 PTZ cameras (RS-422 and RX Receiver-option)
- Function : Zoom in/out, focus, power, wiper, light control and auto setting

## CONFIGURATION



## TECHNICAL DATA

		DigiNet-1816	
Image Display (Max)	NTSC	1 Camera : 30 Frame/Sec	2-16 Cameras : 20 Frame/Sec(MAX)
	PAL	1 Camera : 25 Frame/Sec	2-16 Cameras : 17 Frame/Sec(MAX)
Recording Speed (Max)	NTSC	1 Camera : 160×120=30 Frame/Sec 320×240=30 Frame/Sec 640×480=30 Frame/Sec	2-16 Cameras : 160×120=20 Frame/Sec(MAX) 320×240=20 Frame/Sec(MAX) 640×480=20 Frame/Sec(MAX)
	PAL	1 Camera : 192×144=25 Frame/Sec 384×288=25 Frame/Sec 768×576=25 Frame/Sec	2-16 Cameras : 192×144=17 Frame/Sec(MAX) 384×288=17 Frame/Sec(MAX) 768×576=17 Frame/Sec(MAX)
Image Compression Method		Engine-K (own invented algorithm)	
Image Compression Dimensions (NTSC)		160×120=Average 1Kb/Frame, 320×240=Average 2.5Kb/Frame, 640×480=Average 6Kb/Frame	
Image Compression Dimensions (PAL)		192×144=Average 1Kb/Frame, 384×288=Average 2.5Kb/Frame, 768×576=Average 6Kb/Frame	
Screen Division		1, 4, 6, 9, 10, 13, 16 Division	
Camera Input		16 Ch	
External Monitor		1 Ch	
External Sensor Input		8 Ch	
Control Output		8 Ch	
Remote Transmission		PSTN/ISDN/LAN/Leased Circuit/Internet	
Image Verify		WATER-MARK	
Transmission Speed		LAN : 120 Frame/Sec PSTN : 1-5 Frame/Sec, ISDN : 3-10 Frame/Sec	
Surveillance Method		Motion Detection, Sensor	
P/TILT Zoom Control		RS-422	
Option		Remote controller / Audio board	