

Detech 16- Channels Standalone DVR

Model No.: D-EDVR-16



D-EDVR-16 front view



D-EDVR-16 rear view

System Features

- ◆ High speed embedded CPU and real-time embedded control operation system provide operation stability, no hang-up errors, high reliability and easy maintenance
- ◆ Front panel operation, remote control, password security with double password lock
- ◆ Hardware ADPCM encoding provide very good streaming quality, it also supports D1, 1/2D1 & CIF resolution and adjustable frame rate for hard disk space efficiency
- ◆ Storage: FAT32 format, suitable for 4 IDE hard drive connections
- ◆ Provide multi-channels operation, such as:
 - 16 channels video input capture / 16 channels audio input
 - 2 channels video and audio (monitor and reply)
- ◆ 16 channels alarm input with programmable settings
- ◆ Display: 1/4/16 windows per screen with audio surveillance function for all channels
- ◆ Scheduled recording time with auto-switching; system re-activates after power shut down; alert system for any video signal loss
- ◆ Available for x2 and x4 fast forward / backward function and slow motion rate at x1/2, x1/4 and x1/8 as well as pause and frame-by-frame function
- ◆ Individual settings for each video channel for brightness, contrast, color and motion detection
- ◆ Complete daily report for alarm record and operation record; good for monitor record and analysis
- ◆ RJ-45 network inlet / outlet available for Internet function for ADSL, ISDN, Intranet, etc.
- ◆ Uses Internet Explorer for Remote Monitoring / Client Software
- ◆ VGA output provide better video quality and progressive scan option
- ◆ Supports Compact Flash card storage and IBM Microdrive disk
- ◆ USB 2.0 interface provide high speed data transfer via PC
- ◆ Provides for DVD-RW Backup function

ITEM	PARAMETER	SPECIFICATION / DETAILS		
SYSTEM	User Interface	GUI (Graphical User Interface) (OSD menu)		
	Password level	Multi-user level at different access password		
VIDEO	Video Input	16 channels individual input with 1.0Vp-p; 75Ω BNC		
	Video Output	2 PAL/NTSC outputs with 1.0Vp-p; 75Ω BNC; composite video signal 1 VGA output (spot monitor/operation monitor)		
	Video Display	1/4/16 windows per screen		
	Video Standard	PAL: 25 frames per second; CCIR: 625 lines; 50Hz NTSC: 30 frames per second; CCIR: 525 lines; 60Hz		
	System Resource	Real-time recording with playback and surveillance; Online real-time surveillance		
AUDIO	Audio Input	16 channel input synchronized with video		
	Audio Output	2 channel output (stereo)		
	Basic Output	1.0-2.2V	S/N	≤30dB
	Compression	ADPCM		
DIGITAL PROCESSING / STORAGE	Encoding	MPEG-4 Variable Bit Rate (VBR) \ Constant Bit Rate (CBR)		
	Image Format	CIF: 352x288 pixels (PAL) 360x240 pixels (NTSC)	1/2D1: 704x288 pixels (PAL) 720x240 pixels (NTSC)	D1: 704x576 pixels (PAL) 720x480 pixels (NTSC)
	Video Standard	ISO14496	Audio Standard	ADPCM
	Video Frequency	12.5K-93.75Kbyte/s	25K-175Kbyte/s	25K-250Kbyte/s
	Audio Frequency	4Kbyte/s	Audio Size Rate	14.4 Kbyte/s
	Video Size Rate	45M-337.5Mbyte/hour	90M-630Mbyte/hour	90M-900Mbyte/hour
	Storage	4 IDE hard disk; support 300GB or larger		
	Image Quality	8 adjustable levels		
	Max Frame Rate	25 FPS/channel	12.5 FPS/channel	6.25 FPS/channel
	Resolution	Playback 352x288 pixels Real-time 704x576 pixels VGA output 720x576 pixels	Playback 704x288 pixels Real-time 704x576 pixels VGA output 720x576 pixels	Playback 704x576 pixels Real-time 704x576 pixels VGA output 720x576 pixels
	Data Capture	Bi-directional		
ALARM	Motion Detect	Individual setting per channel; 192 detect regions per channel and adjustable motion sensitivity from 1 to 16		
	Input	16 individual input channels; 4 high/low input		
	Output	6 individual alarm output; 4 voltage output; 2 Open/Close switch with output at 24VDC/12VAC, 1A; 1 channel for power malfunction alarm, 1 channel for others malfunction alarms		
	Alarm mode	Open/Close		
COM PORT	Serial Port	RS485; extendable with external modem RS232; common serial port		
	Network port	RJ-45 10M/100M broadband port		
	Internet Protocol	Supports TCP/IP, UDP/IP		
	Transfer Mode	Dial-up, ADSL, ISDN, Internet, Intranet		
	Browser	IE browser / Client software provided		
OTHERS	Power	AC 220V (20%); 50Hz (2%) Output: 12VG DC 5A		
	Consumption	35W without hard disk		
	Working Temperature	0~50°C	Working Humidity	≤80%
	Dimensions	440(L) x 90(W) x 420(H)mm	Weight	14Kg with hard disk
	Clock	Built-in system clock and calendar		