Changes for the Better





Security Solutions

DX-TL4509E

Introducing Mitsubishi Electric's new DX-TL4509E, a digital recorder designed specifically for cost-effective security. Sharing many advanced features with the high-spec DX-TL5000E, this single unit*can record up to 9 channels for more than 18 months. Dual multiplexer output enables the simultaneous monitoring of live and recorded footage, and images are stored in the efficient JPEG2000 format, which ensures high data compression while still retaining fine detail. Compact and affordable, the user-friendly DX-TL4509E offers the reliable performance demanded for 24/7 digital video surveillance.



9ch DIGITAL RECORDER DX-TL4509E

Versatile Monitoring, Recording & Archiving

- ☐ Triplex function
- □ Dual multiplexer output
- □ 9ch multiplexer
- □ Emergency recording
- □ Long pre-alarm recording (LPA)□ Alarm partitions
- ☐ Motion detection
- □ Built-in CD/DVD-R/RW drive
 □ Max. 8TB HDD capacity: 1TB internal + 7TB external (using 500GB HDDs)
- □ Active mirroring function

High Reliability & High Picture Quality

- Highly reliable OS: Linux/itron
- SATA HDD
- $\hfill \Box$ High-definition recordings compressed with JPEG2000 technology

Simple, User-friendly Setup & Operation

- □ User-friendly GUI menus
- Easy recording setup

- □ Easy profile management
 □ Simple data archiving
 □ Simple searching of recorded footage



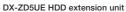
Max. 8TB HDD capacity: 1TB internal + 7TB external

The DX-TL4509E can access up to 8 terabytes of data storage (using 500GB internal & external drives), enough to record for more than 18 months.



Options







DX-KB5UE Keyboard

Specifications

Item		Description
Main Recording Medium		One internal HDD installed, with option of adding a second internal HDD
Archiving	Internal	DVD/CD drive (DVD-R/RW, CD-R/RW)
	External	Serial Bus I/F HDD (optional DX-ZD5UE) USB memory (copy only)
Colour System		PAL
Signal Compression System		JPEG2000
Number of Picture Elements Processed		720×288 pixels: field recording 720×576 pixels: frame recording
Display Rate		450 field/sec./display (50 field/ch)
Recording Rate		100 field/sec. (50 field/ch)
Video Terminal	Input	9-channel input; BNC: 1.0Vp-p 75Ω
	Through Output	9-channel loop through output; BNC: 1.0Vp-p 75 Ω (with AC power supply)
	Output A	BNC 1-channel: 1.0Vp-p 75Ω S terminal 1-channel: Y 1.0Vp-p 75Ω / C 0.3Vp-p 75Ω RCA output 1-channel(in front): 1.0Vp-p 75Ω
	Output B	BNC 1-channel: 1.0Vp-p 75Ω
Audio Recording System		PCM
Audio Terminal	Input	1-channel RCA-Pin plug: 308mV(rms), 50kΩ(optional)
	Output	1-channel RCA-Pin plug: 308mV(rms), 1k Ω 1-channel RCA-Pin plug(in front): 308mV(rms), 1k Ω
Recording Interval		Separately selectable for each camera with estimate of max recording time
Alarm Recording		Recording time: 2sec, 5sec, 10sec, 15sec, 30sec, 45sec, 1min, 2min, 5min, 10min, 20min, 30min, 60min and contact
Pre-alarm Recording		Can be set from 1 sec. up to 1 hour (LPA)
Emergency Recording		Emergency input terminal (rear)
Power Failure Recovery Recording		Auto-re-start of unit after power failure
HDD Usage		Percentage display of hard disk space used
User Interface		GUI menu
Menu Language		English, German, French, Spanish, Italian, and Russian
Motion Detection Function		22(H) X 23(V) detection area, 5 sensitivity settings, dot number setting to trigger recording

Item		Description
Clock Adjusting Function		Clock adjusting input (rear terminal)
Retrieval		Date & Time search, Alarm List search, Bookmark search, Motion search
Multiplexer Function		Split display: 4, 9 split display (output A/B) Sequential display: 1, 4 display (output A/B) Covert camera display Alarm display
Interface	Inputs	9-channel ALARM IN 1-channel REC IN 1-channel REC STOP IN 1-channel EMERGENCY 1-channel CLOCK ADJ
	Outputs	4-channel MODE OUT 9-channel ALARM OUT 1-channel CALL OUT 1-channel CLOCK ADJ OUT DC12V OUT
	RS232C	1 port for DX-TL4509 control
	RS422/RS232C	1 port for camera control
	RS485	1 port for DX-KB5UE
	Remote Access	1 jack for wired remote control unit connection
	Serial Bus	2 x USB on front panel, 2 x USB on rear
_	LAN	1 port for 10/100Base-T/TX for data comms
Remote Functions Web PC Software (DX-PC200)		Live viewing, Playback, Search
		Live viewing, Playback (access to multiple DVRs), Search, Image data downloading, PTZ Control, Alarm notification, Configuration, Recorder control, Remote mode output control
Power Supply		AC100-240V 50/60Hz
Power Consump	otion	0.9-0.4A (100-240V)
Operating Conditions		Temperature: 5°-40°C Humidity: 30-80% Altitude: 2,000m (Max.)
Dimensions (W	\times D \times H)	425 × 353 × 128mm
Weight		10.5kg (with 2 x HDD)
Accessories		AC power cord (UK and Continental plugs) Installer's manual (English) User's manual (English, German, French, Spanish, Italian, Dutch and Russia



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