

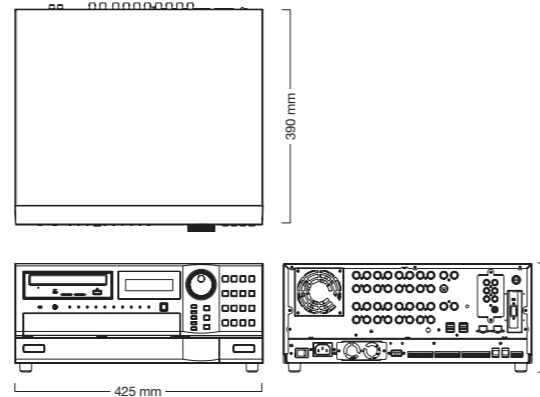
# DX-TL5000E - a single recorder

to answer all your security needs.

## Specification table DX-TL5000E

Model	DX-TL5000E (Full n-plex)
Recording system	Digital JPEG2000
Recording medium	HDD 250 GB, expandable to 1 TB internal
Maximum recording data	Perm. 1 pps, approx. 350 days, 30,300,000 pictures
Recording type	Frame or compressed field/second adjustable
Recording speed	200 pps incl. motion detection
Horizontal resolution b/w (TV lines)	> 450
Horizontal resolution color (TV lines)	> 450
Video inputs/outputs (number/number)	Ø 16/16, 3 x BNC, 1 x SVHS
Audio inputs/outputs (number/number)	4/1 optional
Audio-recording	PCM
Data/time/recording/HDD info mode display	Yes
Alarm data display	Yes
Power loss data display	Yes
Alarm	Time lapse in real time per channel
Alarm index	Yes
Alarm-recording trigger	Through motion detection, contact
Timer programs (number)	2 x 8
HDD automatic overwriting/ endless recording	Yes
HDD full: acoustic signal/electrical contact signal	Yes, pre-alarm adjustable
HDD full: transfer to subsequent device	Yes
Lock function	Yes, with password
Error indication	Yes, with error protocol
Continuous recording after power loss	Yes
Record-original check	Yes
Operating hours counter	Yes
Search: speeds	Yes
Search: reverse playback	Yes
Search: for date/time/start/end	Yes
Search: for alarms	Yes, colored search mode display
Search: for motion	Yes
Automatic summer/winter time	Yes
Remote operation (cable)	Yes
Remote-control interface	Yes
Operation voltage	100-240 V/AC
Power consumption	0.3 A (240 V)
Operating temperature (min.-max.)	5-40 °C
Dimensions (W x H x D)	425 x 390 x 175 mm
Weight	14 kg
Certification (VDE/GS etc.)	EN 60950, EN 55022 Class B, EN 55024 BGS UVV Kassen
Menu languages	GB/D/FR/V/ES/RU/NL
Items included	USB mouse, operating instructions, power cable
Special features	GUI information menu integrated
Optional accessories	DX-GC5: VGA graphic card, DX-KB5UE: keyboard, DX-SC5: sound card, DX-ZD5UE: extension unit for HDD, DX-RM5: 19" rack mount, DX-RM5 (ZD): 19" rack mount for DX-ZD5UE

### Dimensions



DX-TL5000E



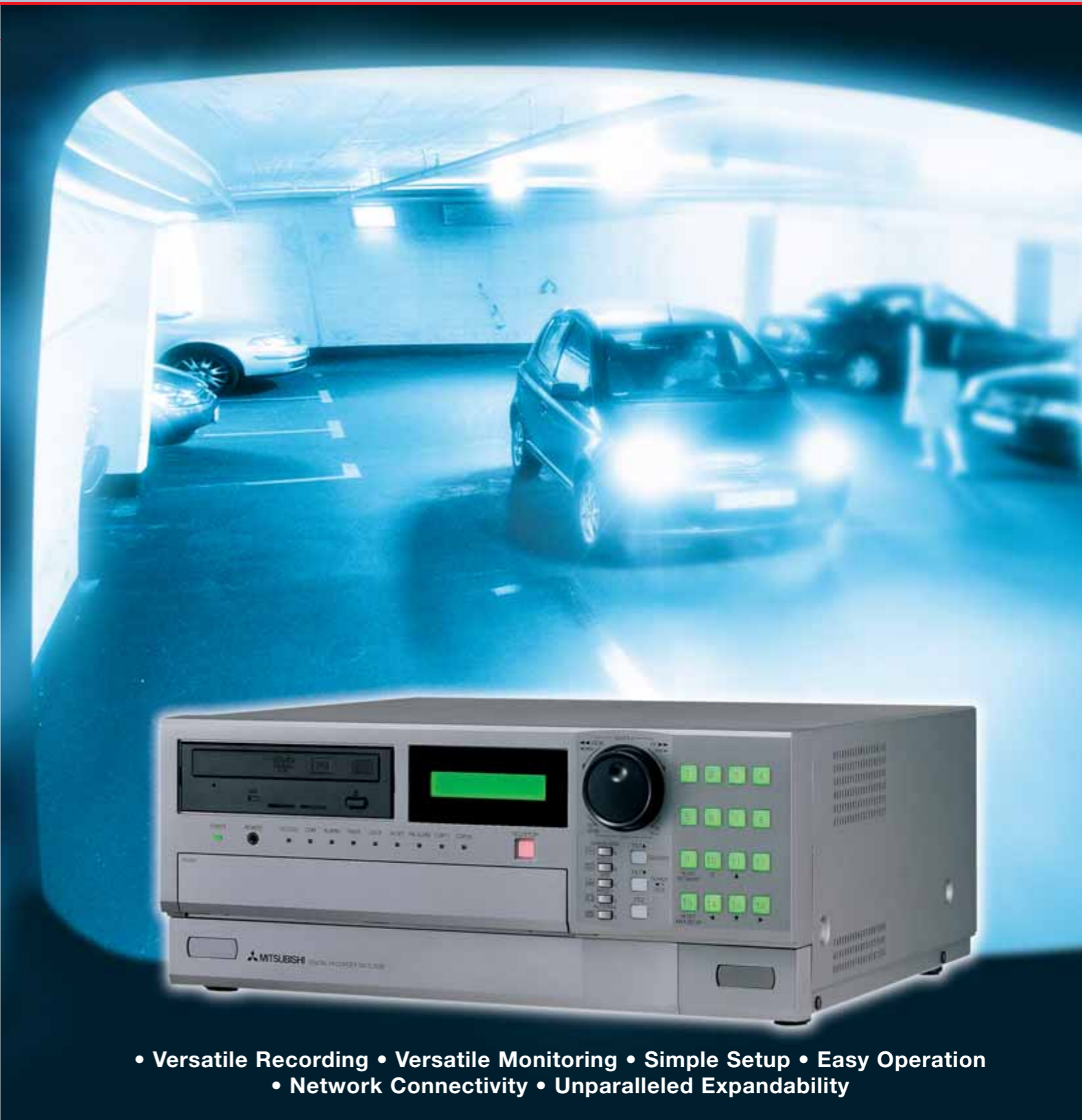
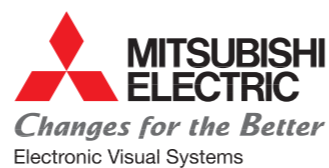
DX-KB5UE keyboard (optional)

### Recording capacity

The table below shows approximate recording times with a 250-GB hard drive pre-setting a single recording mode.

Picture grade	d: days h: hours					
	Super	Fine	High	Standard	Basic	Long
200 pps	0d 8h	0d 9h	0d 11h	0d 15h	0d 20h	1d 9h
50 pps	1d 9h	1d 15h	1d 23h	2d 12h	3d 11h	5d 13h
16 pps	4d 7h	5d 2h	6d 4h	7d 21h	10d 20h	17d 10h
1 pps	69d 4h	81d 12h	99d 3h	126d 8h	173d 23h	278d 19h
0.125 pps	553d 11h	652d 2h	793d 0h	1010d 19h	1391d 22h	2230d 8h

The picture number of frame record setting becomes double against field record setting.

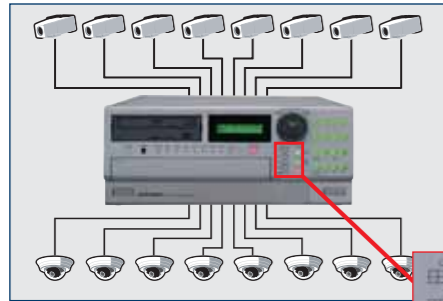


- Versatile Recording • Versatile Monitoring • Simple Setup • Easy Operation
- Network Connectivity • Unparalleled Expandability

(The right to make technical changes is reserved; no liability is accepted for printing or other errors)

## Multilevel monitoring –

You won't miss a thing.

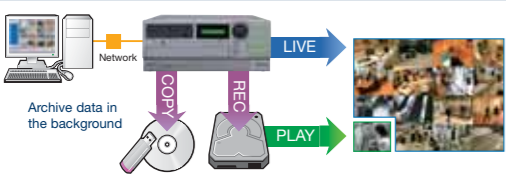


### 16-channel multiplexer

Its 16-channel multiplexer lets you connect the DX-TL5000E up to 16 cameras simultaneously. You have five different split-screen display formats to choose from: 4, 9, 10, 13 or 16 video feeds. And thanks to a processing speed of 50 images per second, the DX-TL5000E always delivers smooth footage in real time – even in 16-feed display mode.

Image processing rate/LAN	
PAL format	50 pps x 16 cameras = 800 pps

Buttons on the front for format selection



### Triplex function

The DX-TL5000E allows you to review recorded footage without interrupting ongoing monitoring. Its triplex function is the key: you can check real-time surveillance and previous recordings – even archive material – while the DX-TL5000E continues to record. Simply select a section of the split-screen display for playback using the jog-shuttle control to navigate.



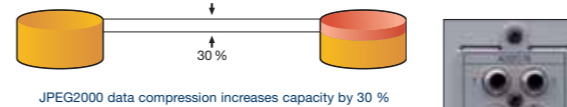
### Dual multiplexer output

Use two monitors at the same time via the dual multiplexer to get even more from the DX-TL5000E's split-screen capability. The technology channels real-time video feeds and playback footage separately to the two monitors. Alternatively, material recorded by a single camera at different times can be displayed simultaneously on both monitors – a real time-saver when reviewing a long period of video surveillance.

Twin monitor outputs

## Versatile monitoring functions

keep you prepared for any alarm situation.



The DX-SC5 soundcard (optional)

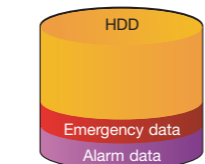
### High-definition recording

The secret behind the optimised recording functionality of the DX-TL5000E is the innovative JPEG2000 data compression. This new generation technology combines outstanding image quality with enormous recording capacity: as much as one terabyte of data can be stored on a 750-gigabyte hard drive. And with the optional sound card DX-SC5, up to four audio channels can be recorded.

Video recording capacity	
PAL format	12,5 pps x 16 cameras = 200 pps (50 pps x 4 channels)

### Alarm recording

The DX-TL5000E is especially vigilant in critical situations. For example, should any of up to 16 connectable cameras trigger an alarm – via either motion detection or external sensor, set to individual parameters – the DX-TL5000E initiates alarm recording according to its pre-alarm function setup. Crucial images are preserved for later investigation.

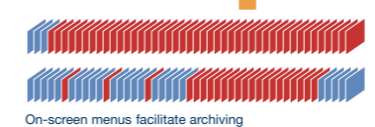
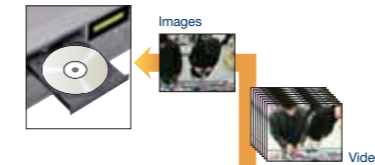


A secure partition preserves data

### Secure data storage

The important data generated by alarm recording are stored on a special partition of the hard drive. The information is thus protected from being overwritten. And for absolute security, an additional hard drive can be used to store backups. Thanks to the system's mirror function, all information – including key alarm data – remains accessible, should one of the hard drives fail.

Copy data to a USB memory stick, external hard drive or CD/DVD



### Archiving

Video footage and still images are archived easily: on the internal hard drive or one of up to seven optional external hard drives (optional DX-ZD5UE) via USB interface. In addition, the DX-TL5000E is equipped with an integrated CD/DVD burner. You can determine precisely what to copy: all recorded footage or specific images only. When data on the hard drive are copied to another storage medium, viewer software is automatically included. All data can thus be investigated on any PC.