

Timespace X300

DRIVING SECURITY



The Timespace X300 digital video recorder is designed to provide cost-effective, reliable and robust performance for long-term surveillance, mobile installations in observation vehicles and for rapid deployment operations.

The low power requirements and silent operation make the X300 perfect for covert lifestyle surveillance. Using the motion detection feature the X300 is ideal for long-term serious and organised crime investigations. The compact design and rugged, removable "hot swappable" shock mounted data cartridge ensures integrity of data storage.

An optional SD card makes daily footage retrieval quick and simple, ensuring discreet recovery of time-lapse or motion footage for ongoing surveillance operations. Combined with encrypted watermarking to give security of evidence for prosecution, the proprietary XBA file format ensures sensitive evidence can only be viewed by authorised personnel.

Designed with the user in mind, the X300 has a simple user interface ensuring easy installation and set-up to capture crystal-clear video footage using a single button record function. The recording time calculator feature ensures that the recorder settings and disk cartridge size will provide sufficient recording time for successful and error free operation.

The Timespace PCLink software suite enables quick and simple access to review event data, using the time, alarm or motion sensor file markers. Remote connectivity via WiFi or mobile networks provides Live View video streaming, PTZ camera control and review of recorded files.



Recording Performance

- Simple menu structure with single button record or user programmable profile for rapid installation
- Compression using proprietary MPEG format with D1 option giving 720 X 576 (PAL) frame size
- Solid state SD card for quick and simple footage recovery, or 24 hour time-lapse recording
- Fully programmable set-up to give continuous, motion triggered, time-lapse, alarm and timer recording.

Connectivity

- Live View output with PTZ control for remote security monitoring from incident control
- Selectable compression setting for each camera to ensure maximum archive storage and retrieval
- SMS or Image transfer alert to control centre by alarm input or motion triggered by built-in GSensor
- FTP upload of incident footage via WiFi or mobile networks whilst recording.

Physical Characteristics

- Small footprint for quick and easy installation, constructed in robust extruded case
- Silent operation, with no noisy cooling fans
- Low power, ideal for battery operation when needed for long-term covert or remote location operations
- Lockable recording media cartridge for security and reliable operation.

Compatibility

- XBA file compatible with PCLink software, allowing full function review of all Timespace recorders with one software suite
- Plug and pin termination fully compatible with Timespace X200 for quick upgrade
- Full watermark with SHA-2 AES 256 authentication to ensure evidence integrity.



TIMESPACE

MANUFACTURED BY **TIMESPACE** IN THE UK

Timespace X300

DRIVING SECURITY



Stand alone recorder



Live view using Reviewer or video out to monitor



Review recordings directly from a removable cartridge



Multi-channel live view and wireless download of recordings

Performance

	X300-04	
Standard	PAL	NTSC
Video recording global rate (IPS)	200	240
Frame rates Min – Max selectable by camera (IPS)	0.1 – 25	0.1 – 30
D1 Resolution (IPS)	50	50
D1 Frame Resolution (pixels)	720 x 576	720 x 480
2CIF Frame Resolution (pixels)	720 x 288	720 x 240
Resolution settings	6	
Video inputs	4	
Audio inputs	2	
Video Output – Configurable	1 – Video switcher / Multi-view	
Video Streaming Live view (IPS)	25	
Hard Disk cartridge option	500, 1TB, 2TB	
Solid State disk	120GB, 240GB, 500GB, 1TB	

General Features

- Single button start / stop recording or auto record on power-up
- Recorder status indicators (6 LEDs)
- Simultaneous record, playback, Live View and file download
- MPEG based format, full image update
- Removable hard disc media cartridge – lockable
- Simple, intuitive menu system with help screens
- Optional embedded GPS position & speed
- Normal, continuous, alarm and motion triggered recording
- 7 day programmable timer recording
- Local playback using Reviewer
- Local set-up and configuration using Reviewer
- Image search by time / date or file name
- Remote set-up and download via LAN, WiFi or mobile network
- Quick review alarm event footage markers
- PC live view, review, download & storage
- Remote control via RS232 and Telnet interface
- PTZ camera control for Pelco D & P and Visca via mobile network/Reviewer

Security Features

- Proprietary video file format XBA
- User, Admin and read only password protected functions
- Each image watermarked (SHA-2 AES Authentication – 256 bit)
- Embedded camera number, date and time in each image
- 12 user programmable embedded characters per channel

Optional Features

- 25 IPS global SD memory backup – SDHC 4GB up to 32GB
- 24 hour Time lapse multi camera 11PS super setting using single SD card
- File download via SD card
- CANLink data recording (view in sequence with recorded footage)

Connections / Interfacing

	X300-04
Camera	4 – BNC Plug
Video out	1 – BNC Plug
Audio in	2 – DIN 8-way connector
Audio out	2 – DIN 8-way connector
Timespace Reviewer	RJ45
LAN / WLAN	RJ45
GSM / GPS / RS232	9-way D-Type connector
Alarm inputs	4 – Screw terminal plug
Power down	1 – DIN 8-way connector
Alarm / LED output – Configurable	3 – Screw terminal plug
Power input	2.5 mm DC socket or screw terminal

Physical Characteristics

Enclosure	Extruded Aluminium, with end caps
Dimensions (mm)	210 x 120 x 50
IP rating	IP50
Operating temperature range (°C)	-10 – 50
Humidity (% r.h., non condensing)	10 – 90
Mounting options	Free-standing or screw-mounted
Power supply (V DC)	12
Continuous power – without Reviewer (W)	10 (0.85 amps)
Reviewer continuous power (W)	3 (0.25 amps)
Maximum current – start-up (A)	2.0
Power up time to recording (seconds)	<12
Weight – with removable cartridge (g)	890

Regulatory Approvals

CE Mark (EN55032:2012, EN55024:2010)
 E Mark
 VCA CoP approval
 RoHS
 WEEE

Timespace Technology Ltd reserves the right to amend product specifications without notice and without incurring obligation.



TIMESPACE

Timespace Technology Ltd Lakeview Court Ermine Business Park Huntingdon PE29 6UA UK

t: +44 (0)1480 414147 f: +44 (0)1480 414146 e: mail@tspace.co.uk www.tspace.co.uk



FM 525394