Timespace K Series 200/210/220

K220 Actual size

The Timespace K Series Covert DVR records video and audio simply and reliably, in a pocket size, rugged package
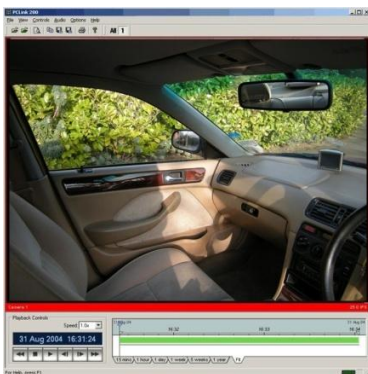
The K Series records 1 camera and 2 audio inputs.

Instant video and audio playback or live are provided by an integrated monitor and speaker (K220)

Video viewing, download and backup are provided by USB connection to a PC

Comprehensive feature set, low power and compact size makes the K Series ideal for body worn and covert use..

- Toggle switch start / stop recording

- Up to 25 images per second ensures accurate surveillance

- 4 LEDs clearly show power and memory capacity

- Small package, internal battery or wide range external power makes integration simple

- Supplied USB connection allows offline viewing of recordings, via a PC

- Built in 16 Gb memory capacity ensures 8 hrs recording at max rate (K210/220)

- Water Marked images ensure secure audit trial

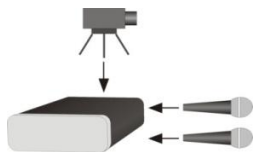- Simple intuitive menu system with Help Screens.

- Military grade connectors

Timespace Technology

Mobile, Portable and Covert Surveillance

The Timespace K200/210/220 Digital Recorder

Stand alone recorder
(K200/210/220)

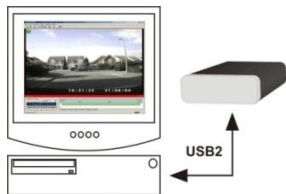| Performance	K200	K210	K220
Video recording rate, max	25 ips PAL, 30 NTSC	25 ips PAL, 30 NTSC	25 ips AL, 30 NTSC
Built in media	4Gb Compact Flash	16Gb Compact Flash	16Gb Compact Flash
Recording duration	2 hours at max rate	8 hours at max rate	8 hours at max rate
Power supply	Internal, rechargeable	External	External
Video inputs	1	1	1
Audio inputs	2	2	2
Video Output	-	-	1
TVL	540	540	540
Resolution (pixels)	720 x 288 PAL, 720 x 240 NTSC	720 x 288 PAL, 720 x 240 NTSC	720 x 288 PAL, 720 x 240 NTSC

Live view and audio and video
playback (K220)

General Features

K200	K210/220	K220
Toggle switch start/stop recording	Toggle switch start/stop recording	Integrated colour 2.5+LCD + speaker
Internal rechargeable Lithium ion battery	External power	Rewind, replay, stop, play, fast forward & jog functions
MPEG format, full image update	MPEG format, full image update	Video record or playback or live view
Recorder status indicators (4 LEDs)	Recorder status indicators (4 LEDs)	Audio record or playback
Normal continuous recording	Normal continuous recording	Simple menu system and configuration
Single Pass or Loop recording	Single Pass or Loop recording	Password access protection
Alarm triggered recording	Alarm triggered recording	
7 day programmable timer recording	7 day programmable timer recording	
USB / PC setup	USB / PC setup	
Alarm event storage	Alarm event storage	
12 user embedded characters	26 user embedded characters	
Image search by time/date or by file	Image search by time/date or by file	
PCLink review, download & storage	PCLink review, download & storage	

Review recording s directly via
USB link (K200/210/220)

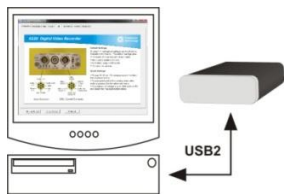## Security Features

Proprietary video file format, convertible to AVI
Password protection
Digitally encrypted watermarking of each image
Embedded camera number, date and time in each image

Connections for	K200	K210	K220
Camera	1 on Fischer input	1 on Fischer input	1 on Fischer input
Video out	-	-	1 on Fischer USB
Audio in	2 on Fischer input	2 on Fischer input	2 on Fischer input
Audio out	-	-	1 on Fischer USB
USB2	4 on Fischer USB	4 on Fischer USB	4 on Fischer USB
GPS/RS232	-	Not available at launch	Not available at launch
Alarm inputs x 2	1 on each Fischer	1 on each Fischer	1 on each Fischer
Alarm output	-	-	1 on Fischer USB
5V, 9V,12V camera power	1 on Fischer input	1 on Fischer input	1 on Fischer input
Power input	USB (battery charge)	Lemo connector	Lemo connector

Setup recorder via USB link
(K200/210/220)

Physical characteristics

Enclosure	Black anodized aluminium with stainless steel end plates
Dimensions (mm)	109 x 58 x 21(K200) , 117 x 58 x 21(K210/220)
IP rating	IP40
Operating temperature range	0 - 45º C
Humidity (r.h., non condensing)	80%
Mounting options	Free-standing
Power supply	USB 5V battery charge (K200), 6-18V DC (K210/220)
Continuous power recording	1.9 W excluding camera
Continuous power playback (K220)	2.7 W excluding camera
Maximum current (start-up)	0.2 A
Power up time to recording	< 5secs
Weight	~200g

Regulatory approvals

CE Mark	RoSH	2004/108/EC Directive
ISO 9001:2000	WEEE	

www.tspace.co.uk

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