

**TeleEye**

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# CX multi-stream video simply faster & better



Mobile Video Monitoring  
TeleEye M-303



IR Remote Control for CX



TeleEye CX Series is a range of simple to use yet feature rich 4-, 8- and 16-channel video recording servers suitable for small to medium sized surveillance applications. Powered by its revolutionary SMAC-M multi-stream video coder, TeleEye CX delivers truly "no compromise" on both DVD-quality recording and fast video transmission performance. TeleEye CX incorporated with SMAC-M can record 60% longer and transmit 50% faster than MPEG-4 systems.

TeleEye CX guarantees consistent high quality recorded video up to 100/120fps at CIF and 25/30fps at D1. The system is quick to install and easy to configure. It delivers users with real time video over a mobile phone while they are on the move. TeleEye CX can also allow user to manage video simply using a web browser. When using with TeleEye Multi-site Software, videos from up to 16 sites can be monitored and recorded.

# CX

| Video Recording Server |

### Features:

- Multi-stream Video Coding Technology
- Flexible connections: LAN, ADSL and mobile network...
- Recording up to 25/30fps at D1 & 100/120fps at CIF
- Triplex operation: simultaneous monitoring, recording & playback
- Up to 16 video & 4 alarm input models
- Built-in web server & support dynamic IP
- Independent remote viewers
- Mobile video monitoring with M-303
- Multi-site monitoring with WX-M16
- Alarm video recording
- Composite / VGA video output with OSD menus
- Video footage extraction through USB flash drive
- Compatibility with popular telemetry protocols
- IR remote control

### Specifications

MODEL	CX784	CX788	CX7816
INPUT STANDARD	PAL/NTSC; composite video, 1 Vp-p, BNC		
INPUT CHANNELS	4	8	16
OUTPUT STANDARD	Composite	PAL/NTSC; composite video, 1 Vp-p, BNC	
	VGA	1024 x 768, 1280 x 1024 ; 60Hz, 75Hz	
	Channels	1	
RECORDING MODE	manual, schedule, motion, event-driven		
HDD TYPE	SATA interface; internal x 1		SATA interface; internal x 2
MAX. RECORDING RATE	(P) : 25fps at 720 x 576 pixels; 100fps at 360 x 288 pixels (N) : 30fps at 720 x 480 pixels; 120fps at 360 x 240 pixels		
VIDEO EXTRACTION	network, USB		
NETWORK	RJ-45, 10/100 base-T ethernet (auto-sensing), UPNP		
CONCURRENT USERS	6 (independent)		
sureLINK	Dynamic IP Internet Connection		
MAX. TRANSMISSION FRAME RATE	25/30fps D1, 50/60fps CIF		
WEB SERVER	Built-in		
TELEMETRY CONTROL INTERFACE	camera port: RS-422/485, asynchronous, 8 data bits, 1 stop bit, no parity, 2.4-19.2kbps		
USB	High Speed USB2.0		
AUDIO INPUT	2 channels, RCA, line level		
AUDIO OUTPUT	Public Addressing: 1 channel, RCA, line level; Live / Playback: 1 channel, RCA, line level		
EVENT TYPE	alarm, motion, video loss, disk full, hard disk failure		
ACTION TYPE	TCP/IP dial back, recording, buzzer, telemetry preset, relay control, e-mail notification		
EXTERNAL ALARM INPUTS	4 x NC / NO		
RELAY SWITCH	1 Channel; Momentary/Latch; 24V AC, 1000mA		
POWER	Voltage: 12V DC; Max. Rating: 30W		Voltage: 12V DC; Max. Rating: 60W
OPERATION ENVIRONMENT	Ambient Temp.: 5°C-40°C; Relative Humidity: <85% (no condensation)		
DIMENSION	230mm(W) x 242mm(L) x 65mm(H)		320mm(W) x 242mm(L) x 65mm(H)
WEIGHT	1.5kg	1.6kg	2.2kg

### Recording Size Requirements on TeleEye CX Video Recording Servers

Model	D1: 720 x 576		CIF: 360 x 288	
	Frame Rate: (fps)	Size per day (GB)	Frame Rate (fps)	Size per day (GB)
CX784	25	25	100	20
CX788	25	35	100	25
CX7816	25	45	100	35

Remark: The above calculation is based on PAL video standard and recording of all cameras with moderate motion at medium quality setting. Actual recording size required is subject to actual camera situation.

### TeleEye Application Software

Model	
CMS	Central Monitoring Station Software
WX-M16	16-site Video Reception Software
M-303	Video Monitoring Software for Mobile Phone

### PC Requirements

	IE*	WX-M16	CMS
CPU:	Pentium ® Dual-Core 2.2GHz or above		
RAM:	1 GB or above	2 GB or above	
HDD:	1GB of free disk space or above		
Display:	1024 x 768, true colour		
OS:	#MS Windows XP, Vista		

\*Java: Sun Microsystems Java 2 runtime Version 1.5.0 or above  
IE: Windows Internet Explorer Version 6 or above  
# 32 bit Edition



#### TeleEye Group

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