

**TeleEye**

# CX multi-stream video simply faster & better



Mobile Video Monitoring  
TeleEye iView HD



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 iPad, iPhone, Android phones & Tablets while they are on the move. TeleEye CX also allows user to manage video simply using a web browser. When using with TeleEye multi-site software, videos from large number of sites can be monitored and recorded.

# CX

| Video Recording Server |

## Features:

- Multi-stream Video Coding Technology
- Flexible connections: LAN, broadband 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
- Multi-site monitoring
- Alarm video recording
- Composite video / VGA output with OSD menus
- Video footage extraction through USB flash drive
- Compatibility with popular telemetry protocols
- Supporting acquisition of transaction data from POS machines
- IR remote control

## Specifications

MODEL		CX784	CX788	CX7816
INPUT STANDARD		PAL/NTSC; composite video, 1 Vp-p, BNC		
INPUT CHANNELS		4	8	16
OUTPUT	Composite	PAL/NTSC; composite video, 1 Vp-p, BNC		
	VGA	1024 x 768, 1280 x 1024 ; 60Hz, 75Hz		
	Channels	1 composite, 1 VGA		
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		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, switch, e-mail notification		
EXTERNAL ALARM INPUTS		4 x NC / NO		
RELAY SWITCH		1 Channel; Push-button/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	26	100	30
CX788	25	36	100	40
CX7816	25	46	100	50

## TeleEye Application Software

Model	Description
sureGUARD	Video Response Centre Solution
sureSIGHT	Integrated Video Management Platform
iView HD	Video Monitoring Software for iPad, iPhone, Android phones & Tablets

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 Group

#### Signal Communications Limited

Units 202-203, 2/F, Laford Centre,  
838 Lai Chi Kok Road, Kowloon, Hong Kong  
Tel: (852) 2995 5996 Fax: (852) 2995 5901  
Email: info@TeleEye.com Web: www.TeleEye.com

#### TeleEye Europe Ltd.

Tel: (44) 1628 776061  
Email: info@TeleEye.co.uk  
Web: www.TeleEye.com

#### TeleEye (S) Pte Ltd.

Tel: (65) 6745-3921  
Email: sales@TeleEye.com.sg  
Web: www.TeleEye.com.sg

#### TeleEye Hrvatska

Tel: (385) 52-383-102  
Email: info@TeleEye.hr  
Web: www.TeleEye.hr

#### TeleEye Digital Technology (Shenzhen) Co., Ltd.

Tel: (86) 755-2671-2122  
Email: info@TeleEye.com.cn  
Web: www.TeleEye.com.cn

## PC Requirements

	IE browser*	sureSIGHT Lite	sureSIGHT Business	sureSIGHT Pro#	sureGUARD
CPU:	Intel® Core™ i3 Processor				
RAM:	2 GB				
HDD:	10 GB Free Space				
Display:	Direct 3D, Nvidia® GeForce® GT 220 / ATI® Radeon® HD 5450 or above				
OS:	Microsoft Windows XP / Vista / 7			MS Windows XP / Vista / 7 or MS Windows 2008 R2 (64-bit edition)	

\* Java: Sun Microsystems Java 2 runtime Version 1.5.0 or above, I.E: Windows Internet Explorer Version 6 or above  
# For the siteMATRIX for sureSIGHT Pro. Multi-display graphic card is required. E.g) Nvidia® Quadro® NVS 450 or above

#### TeleEye (Mauritius) Ltd.

Tel: (230) 686 5238  
Email: info@TeleEye.com.mu  
Web: www.TeleEye.com.mu

#### TeleEye Philippines, Inc.

Tel: (63) 2-3650897  
Email: contact@TeleEye.com.ph  
Web: www.TeleEye.com.ph

#### TeleEye (South Africa) (Pty) Ltd

Tel: (27) 11 557 9200  
Email: info@TeleEye.co.za  
Web: www.TeleEye.co.za

#### TeleEye Bangladesh Limited

Tel: (88)-02-8627624  
Email: info@TeleEye-bd.com

#### TeleEye Lanka (Pvt) Ltd

Tel: (94) 11-2695652-4  
Email: info@TeleEye.com.lk  
Web: www.TeleEye.com.lk