CX multi-stream video
simply faster & better

TeleEye

Mobile Video Monitoring
TeleEye iView

IR Remote Control for CX

CX
| Video Recording Server |

SMAC-M
MULTI-STREAM VIDEO

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 or mobile phone while they are on the move. TeleEye CX also allow 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.

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

- 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

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	
WX-M16	16-site Video Reception Software
sureGUARD	Video Response Centre Solution
sureSIGHT	Integrated Video Management Platform
iView HD	Video Monitoring Software for iPad
iView	Video Monitoring Software for iPhone
M-303	Video Monitoring Software for Mobile Phone

PC Requirements

	IE browser*	WX-M16	sureGUARD	sureSIGHT Lite	sureSIGHT Business	sureSIGHT Pro
CPU:	Intel® Core™ 2 Duo Processor or above				Intel® Core™ i3 Desktop Processor or above	
RAM:	1 GB or above			2 GB or above		
HDD:	1 GB of free space or above			2 GB of free space or above		10 GB of free space or above
Display:	1024 x 768, true colour			1280x800, Direct 3D, ATI Radeon HD 5450 / Nvidia GeForce GT 220 or above		1280x800, Direct 3D, Nvidia Quadro NVS 450 or above
OS:	Microsoft Windows XP / Windows Vista / Windows 7					MS Windows 2008 Server R2 / Windows XP / Windows Vista / Windows 7

*Java: Sun Microsystems Java 2 runtime Version 1.5.0 or above   IE: Windows Internet Explorer Version 6 or above

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