

TeleEye

A large version of the TeleEye logo, consisting of the word "TeleEye" in a bold, yellow, sans-serif font. The text is set against a blue rectangular background with rounded corners. Below the blue background is a solid yellow horizontal bar. The entire logo is centered on the page.

TeleEye

Turnkey HD Surveillance System

Vision Beyond Boundaries

TeleEye Group

- Founded in 1994 by CityU and researchers
- Award-winning supplier of CCTV
- International Brand, export to over 60 countries
- Listed on HK Stock Exchange on May 2001
- Quality Management System: ISO 9001:2008
- Overseas offices:

United Kingdom, South Africa, Croatia, Singapore, Philippines, Mauritius, China, Sri Lanka and Macau



Retail



Government & Public Utilities



Education



Banks



RVRCs



**Can composite video fulfill
nowadays surveillance requirements?**

Answer: NO!

High Definition vs Mega Pixel

High Definition	Mega Pixel
HDTV standard - e.g. 1080p, 1080i, 720p, etc.	No standard in resolution
16:9	No standard in aspect ratio
Resolution fit for computer & TV screens	Too large on computer & TV screens
Real time refreshing	Slow refreshing rate

Open Platform - Mix & Match



**“A” company
cameras**



**“B” company
DVR**



**“C” company
VMS**

- Technical Support?
- Compatibility?
- Performance?

What's our solution?

**TeleEye Turnkey High Definition
Surveillance System**



UP 400-500 TVL



16:9 Aspect Ratio
4:3 Aspect Ratio
33% Wider View Angle





Find glasses

Highlighted Features

- Crisp Video – HDTV (720p)
- Peace of Mind – End-to-End Solution
- Independent & Efficient HD Recording Stream – Multi-stream HD SMAC-M Compression
- Comprehensive Camera Range and Professional Video Management Solutions
- Multiplexing 64 HD Cameras on One Screen
- Mobile Monitoring on iPad, iPhone, Blackberry ...

TeleEye HD Technology

Compared with HD & analog camera
2 to 5 times resolution → 2 to 5 times data

Storage becomes critical

Remote surveillance becomes difficult

Our Solution:



Traditional Video Coders

e.g. MPEG-4, H.264 etc.



- **Single HD stream for recording & local viewing**
- **Viewing through internet – poor, very slow**
- **Mobile viewing – not supported**



Independent streams for recording & transmission

- ⇒ **Optimum performance on all aspects**
- ⇒ **Support fast internet & mobile viewing**
- ⇒ **Maintain high quality HD recording**

What are included in TeleEye Turnkey HD Surveillance System?

TeleEye HD Surveillance Solution



sureSIGHT Video Management Software



sureREC HD Recorder



GX HD Video Recording Server

MX Family

MX810-HD



MX820-HD



MX833-HD



MX763-HD



MX873-HD



MX Family

MX810-HD

- 1 / 3.2" CMOS sensor
- f=3.6mm or 6 mm fixed iris lens
- 720p, 15fps
- Max. resolution: 1600 x 900
- IP66 weather proof
- Vandal resistant
- 0.5 Lux @ F1



MX Family

MX820-HD

- 1 / 3.2" CMOS sensor
- f=3.6mm or 6 mm fixed iris lens
- 720p, 15fps
- Max. resolution: 1600 x 900
- 0.5 Lux @ F1



MX Family

MX833-HD

- 1 / 3.2" CMOS sensor
- f=2.7 ~ 9mm Vari-focal auto-iris IR lens
- 720p, 15fps
- Max. resolution: 1600 x 900
- ~15m illumination range
- True day & night operation with auto IR-cut filter
- IP66 weather proof
- Vandal resistant
- Power over Ethernet
IEEE 802.3af





MX873-HD

- 1 / 3.2" CMOS sensor
- f=2.7 ~ 9mm Vari-focal auto-iris IR lens
- 720p, 15fps
- Max. resolution: 1600 x 900
- ~15m illumination range
- True day & night operation with auto IR-cut filter
- IP66 weather proof

MX763-HD

- 1 / 3" CMOS sensor
- 720p, 25fps
- CS Mount
- Low Lux
- True day & night operation with auto IR-cut filter
- Power over Ethernet - IEEE 802.3af



sureREC HD Recorder



- Max. recording frame rate: 400fps @ HD
- Independent resolution & frame rate settings
- Manual, scheduled & event driven recording modes
- 2 options on sureREC HD Recorder 1TB & 3TB version

Recording Size Requirements

1280 x 720

	sureREC-HDR-1T	sureREC-HDR-3T
4 Cameras	2 week @ 6fps	3 week @ 15fps
8 Cameras	1 week @ 3fps	3 week @ 6fps
16 Cameras	1 week @ 2fps	2 week @ 3fps

640 x 360

	sureREC-HDR-1T	sureREC-HDR-3T
4 Cameras	7 week @ 6fps	12 week @ 15fps
8 Cameras	4 week @ 3fps	11 week @ 6fps
16 Cameras	4 week @ 2fps	7 week @ 3fps

GX HD Video Recording Server

- HDTV standard – 720p, 16:9 wide screen format
- 4-, 9- & 16-channel real-time recording servers
- sureCONNECT – no setup hassle, dedicated video ports for individual cameras
- BS8418 compliance – professional video alarm verification applications.
- Versatile software applications



sureSIGHT Main Modules

- sureSIGHT LITE
- sureSIGHT Business
- sureSIGHT Pro



Multiplexing up to 64 HD Cameras on One Screen – Optimized Viewing Performance & Flexibility

Valued-added Modules

- siteMAP
- siteMATRIX (for sureSIGHT Pro only)



sureSIGHT LITE

- Standalone platform
- Display up to 16 cameras
- Spot window highlighting event related videos

sureSIGHT Business

- Fully compatible with all RX, CX, NX & MX products
- Display up to 64 cameras



sureSIGHT Pro

- Multi-user operating environment
- Centralize camera & user database
- Display up to 64 cameras
- Spot windows highlighting event related videos
- Control siteMATRIX



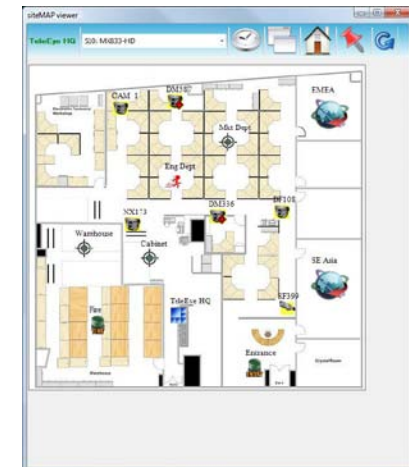
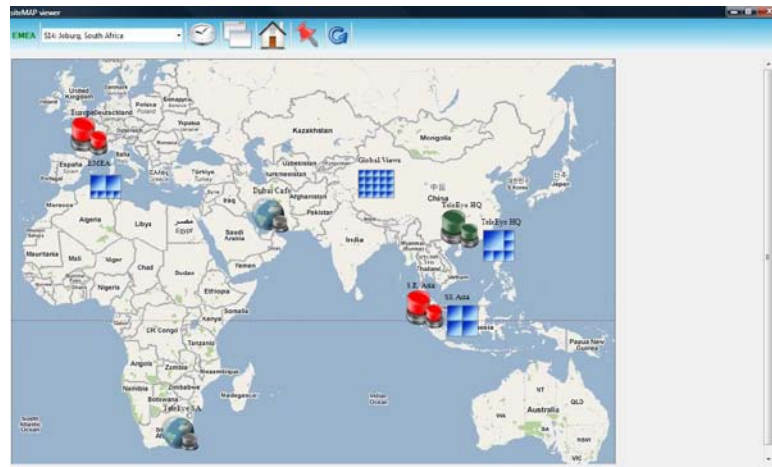
siteMATRIX

- Design for video matrix application
- Display 400 cameras on 20 monitors

sureSIGHT – siteMAP Module

siteMAP

- Interactive multi-layer hierarchy
- Display site, camera, alarm, preset locations
- Switch camera, telemetry control
- Indicate current event status



Mobile Monitoring Solution



- Enable live video viewing through Wi-Fi or mobile network
- Video transmission: HSDPA, 3G, EDGE, GPRS...
- Alarm information, PTZ control
- Support various mobile platforms – M303, iView



Typical Configuration

