

High Definition Video Surveillance Solution

mx
| HD Network Camera |

Design with Security Concerns in Mind



Are you ready for secured HD Video Surveillance?

The market has a demand for higher and higher definition solutions in video surveillance applications. TeleEye, a pioneer in the field of advanced video surveillance, has developed a complete end-to-end HD Video Surveillance Solution to cater for the market needs. The solution consists of MX Series HD Network Cameras, GX Series HD Video Recording Servers, sureREC HD Recorder and sureSIGHT HD Video Management Solution.

An efficient video coder is of the utmost importance in any HD Video Surveillance Solutions to make a HD system practical at all. TeleEye has developed the HD SMAC-M video coder, the world's first multi-stream coder for HD video.

At TeleEye, all MX cameras are designed with security concerns in mind. TeleEye engineers came up with a strict five-layer protection scheme to protect against intrusion – AES 256-bit encryption technology, proprietary HD SMAC-M video coder, specific IP access, secure protocol for the Internet and pair matching architecture.

TeleEye

High Definition Video Surveillance Solution

Superb Video Quality with Great Details

TeleEye MX Series is a wide range of HD Network Cameras providing independent video recording stream to ensure optimal recording performance. They work seamlessly with TeleEye GX Series HD Video Recording Servers, sureREC HD video recorders and sureSIGHT video management software to form a complete end-to-end HD video surveillance solution. With the TeleEye award winning multi-stream compression technology HD SMAC-M, they facilitate simultaneous HD video recording and fast video transmission at HD resolution via LAN, broadband and mobile networks. Furthermore the latest MX100 Series HD Network Cameras can operate in ONVIF mode.



MX HD Camera



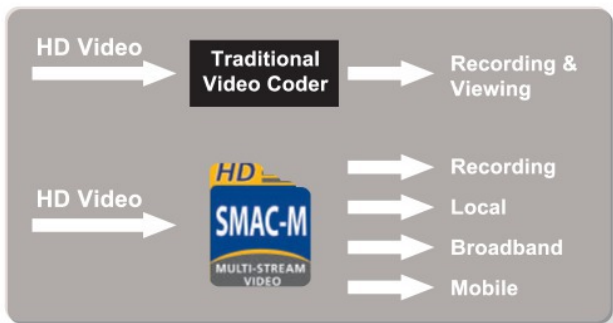
Conventional Camera



16:9 Wide Screen



4:3 Standard Resolution



Video Coder for Security Needs

Built with TeleEye proprietary HD SMAC-M video coder, the MX Cameras can generate 4 independent video streams simultaneously for optimizing the performance of video recording and transmission via different networks, such as LAN, broadband and mobile. HD SMAC-M compresses better and provides video size about 50% smaller than other H.264-based IP cameras at the same picture resolution, quality and frame rate.*

Hacker Resistant Design

Hackers can bypass the security of a H.264 IP camera and access to live video footages remotely. At TeleEye, security always comes in mind when engineers start works on a video surveillance system. TeleEye always keeps a watchful eye over customers' valuables with five layers of anti-hacking protection – AES 256-bit encryption which is adopted by the US government to protect critical data, a set of special video-streaming protocols to provide extra security during Internet transmission, giving individual identity to all hardware and software applications to restrict unauthorised access, allowing only designated IP address to access the cameras, and protecting visual data in a proprietary video compression format.



*Data quote from: Secutech Camera Excellence Award 2011.

Industry Recognition

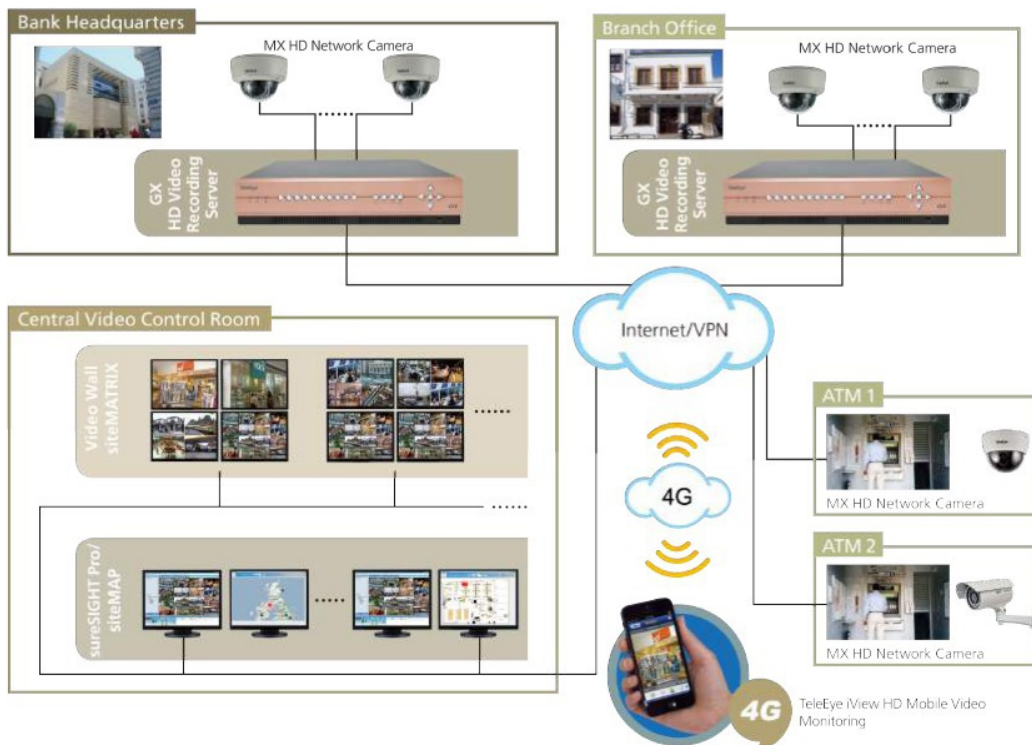
With its various unique features such as hacker resistant design, HD SMAC-M technology and great video quality, TeleEye MX Camera has been selected as finalists in the Secutech Camera Excellence Award and IFSEC International Security Industry Awards. All entries had to meet rigorous standards including unique in features and proven technology. The TeleEye MX Camera totally met the judging criteria with great recognition.



Complete End-to-end HD Video Surveillance Solution

In contrast with many other IP video surveillance manufacturers who offer either cameras or NVRs, TeleEye provides a complete HD IP solution, including HD IP cameras, recorders and video management applications. The TeleEye HD solution guarantees optimized performance, seamless compatibility and single contact point when technical support is required.

Network Configuration



High Definition Video Surveillance Solution

MX100 Series 1080p Flagship HD Network Cameras

MX100 Series Common Features

- HD 1080p, 25/30fps
- 1/2.8" Sony Exmor CMOS sensor
- Dual compressions: HD SMAC-M and H.264
- 4 video streams with independent recording stream
- Excellent video streaming performance
- Hacker resistant
- Excellent low light performance
- Auto WDR function
- ONVIF mode



- Power over Ethernet – IEEE 802.3af (optional)
- Public access mode

MX110-HD Compact Fixed Dome



- HD 1080p Compact Fixed Dome
- f=4.2mm fixed iris lens
- 0.1 Lux @ F1.0
- Plus MX100 Series common features

MX121-HD IR Fixed Dome



- HD 1080p IR Fixed Dome
- f=4.2mm fixed iris lens (6mm lens optional)
- ~10m illumination range
- IP66 weather proof and vandal resistant
- Bi-directional audio support, relay switch
- Built-in SD/SDHC/SDXC memory slot
- Plus MX100 Series common features

MX125-HD IR Vari-focal Dome



- HD 1080p IR Vari-focal Dome
- f=2.8-10mm Vari-focal Auto-iris IR lens
- ~20m illumination range
- True day & night operation with auto IR-cut filter
- Bi-directional audio support, relay switch
- Built-in SD/SDHC/SDXC memory slot
- IP66 weather proof and vandal resistant
- Plus MX100 Series common features

MX151-HD IR Camera



- HD 1080p IR Fixed Bullet
- f=4.2mm fixed iris lens (6mm lens optional)
- ~15m illumination range
- True day & night operation with auto IR-cut filter
- IP66 weather proof
- Plus MX100 Series common features

MX163-HD Day / Night Box Camera



- HD 1080p Box Camera
- CS Mount, Auto-iris
- 0.1 Lux @ F1.0
- Bi-directional audio support, relay switch
- Sens-up function: 0.005 Lux @ F1.0
- True day & night operation with auto IR-cut filter
- Plus MX100 Series common features

MX175-HD Outdoor IR Vari-focal Camera



- HD 1080p IR Vari-focal Bullet
- f=4.2-10mm Vari-focal Auto-iris IR lens
- ~20m illumination range
- True day & night operation with auto IR-cut filter
- IP66 weather proof
- Plus MX100 Series common features

MX900 Series – 1080p/720p HD Network Cameras

MX900 Series Common Features

- HD resolutions: 1080p, 12fps and 720p, 25fps
- 1/2.8" Sony Exmor CMOS sensor
- Hacker resistant
- HD SMAC-M multi-stream video compression
- 4 video streams with independent recording stream
- Excellent video streaming performance
- Excellent low light performance
- Auto WDR function
- Power over Ethernet – IEEE 802.3af (optional)

MX910-HD Compact Fixed Dome



- HD 1080p/720p Compact Fixed Dome
- f=4.2mm fixed iris lens
- 0.1 Lux @ F1.0
- Plus MX900 Series common features

MX921-HD IR Fixed Dome



- HD 1080p/720p IR Fixed Dome
- f=4.2mm fixed iris lens (6mm lens optional)
- ~10m illumination range
- IP66 weather proof and vandal resistant
- Plus MX900 Series common features

MX925-HD IR Vari-focal Dome



- HD 1080p/720p IR Vari-focal Dome
- f=2.8-10mm Vari-focal Auto-iris IR lens
- ~20m illumination range
- True day & night operation with auto IR-cut filter
- IP66 weather proof and vandal resistant
- Plus MX900 Series common features

MX951-HD IR Camera



- HD 1080p/720p IR Fixed Bullet
- f=4.2mm fixed iris lens (6mm lens optional)
- ~15m illumination range
- True day & night operation with auto IR-cut filter
- IP66 weather proof
- Plus MX900 Series common features

MX960-HD Pin Hole Camera



- HD 1080p/720p Pin Hole Camera
- f=3.7mm fixed iris lens with IR-cut coated
- 1.5 Lux @ F1.0
- Plus MX900 Series common features

MX975-HD Outdoor IR Vari-focal Camera



- HD 1080p/720p IR Vari-focal Bullet
- f=4.2-10mm Vari-focal Auto-iris IR lens
- ~20m illumination range
- True day & night operation with auto IR-cut filter
- IP66 weather proof
- Plus MX900 Series common features

High Definition Video Surveillance Solution

MX800 Series 720p HD Network Cameras

MX800 Series Common Features

- 720p, 15fps
- 1/3.2" CMOS sensor
- Hacker resistant
- HD SMAC-M multi-stream video compression
- 4 video streams with independent recording stream
- Excellent video streaming performance
- Power over Ethernet – IEEE 802.3af (optional)

MX810-HD Compact Fixed Dome



- HD 720p Compact Fixed Dome
- f=3.6mm fixed iris lens (6mm lens optional)
- 0.5 Lux @ F1.0
- Plus MX800 Series common features

MX821-HD IR Fixed Dome



- HD 720p IR Fixed Dome
- f=3.6mm fixed iris lens (6mm lens optional)
- ~10m illumination range
- IP66 weather proof and vandal resistant
- Plus MX800 Series common features

MX825-HD IR Vari-focal Dome



- HD 720p IR Vari-focal Dome
- f=2.8-10mm Vari-focal Auto-iris IR lens
- ~15m illumination range
- True day & night operation with auto IR-cut filter
- IP66 weather proof and vandal resistant
- Plus MX800 Series common features

MX851-HD IR Camera



- HD 720p IR Fixed Bullet
- f=3.6mm fixed iris lens
- ~15m illumination range
- True day & night operation with auto IR-cut filter
- IP66 weather proof
- Plus MX800 Series common features

MX873-HD Outdoor IR Vari-focal Camera



- HD 720p IR Vari-focal Bullet
- f=2.8-10mm Vari-focal Auto-iris IR lens
- ~20m illumination range
- True day & night operation with auto IR-cut filter
- IP66 weather proof and vandal resistant
- Plus MX800 Series common features

HD Speed Dome

MX677-HD Network Speed Dome



- HD 720p Speed Dome Camera
- Sony HD camera module, 25fps
- Optical zoom: 20x; Digital zoom: 12x
- Day / Night, Minimum illumination: 0.1 Lux
- IP66 weather proof
- Preset, Tour, Auto scan
- Privacy masking

HD Recorders

TeleEye offers a full 1080p HD video recording series in responding to various recording requirements from customers as well as demand of professional market.

GX HD Video Recording Server

TeleEye GX Series is a range of 4-, 9- and 16-channel video recording servers, which is specially designed for dedicated and shared network architectures. The GX supports real-time HD recording up to maximum frame rate of 400/480fps for 16 cameras. It complies with BS 8418 which provides sophisticated event management for RVRCs and central monitoring stations. TeleEye GX is simple to install and its set-up process is straightforward with CAMLOCK technology. The system is ready to display and record video with auto cameras detection and configuration for all the 16 individual ports. GX does not require additional IP switches to connect to cameras, saving cost and reducing work.

Features:

- HD resolutions: 1080p and 720p
- Real-time recording up to 400/480fps
- Hacker resistant
- Flexible video networking topologies: dedicated and shared network modes
- BS8418 compliant
- Support ONVIF cameras*
- Quick video searching with thumbnail images



sureREC HD Recorder

The Windows-based TeleEye sureREC HD Recorder is designed for projects requiring video data running through existing networking facility. It supports recording and monitoring of 32 MX cameras at a maximum recording frame rate of 800/960fps at HD resolution. It is basically a PC-based platform preinstalled with sureREC recording software and pre-configured with the Windows' Group Policy to restrict unnecessary access of the system and ensure the best environment for professional recording applications. The system health check function ensures robust 7x24 operations for professional video surveillance requirements.

Features:

- HD resolutions: 1080p and 720p
- Real-time recording up to 800/960fps
- RAID 5 support with external HDD storage
- Optional video analytic functions
- Support ONVIF cameras



* Available for GX600 in Q3 2014, for GX620 in Q4 2014.

Comprehensive TeleEye Video Applications

TeleEye video applications seamlessly unify its full range of CCTVs, IP cameras and video recording servers into a compatible configuration that is also compatible in both proprietary and open standards. Customers can scale it up or down to suit their unique needs.

sureSIGHT Integrated Video Management Platform

sureSIGHT is an integrated video management platform for IP cameras and Video Recording Servers. It is suitable for managing and monitoring hundreds of cameras simultaneously in large-scale operations and in multi-site management.

- Designed for live monitoring applications such as street surveillance, traffic monitoring & shopping mall security
- Highly scalable design to cater for different applications needs
- Simultaneous live monitoring of up to 64 videos
- Video matrix displaying up to 400 cameras on video wall
- Seamless compatibility with all TeleEye analog and HD products.
- Video analytic functions
- Support ONVIF cameras

Value-added Modules

siteMAP

- Interactive multi-layer hierarchy
- Manage sites, position cameras and verify alarms
- Indicate current event status

siteMATRIX

- Perform digital video matrix function
- Designed for video wall applications
- Scale up to 80 cameras
- ONVIF compatible (Only for sureSIGHT Pro)

siteCHECK

- Allow operators to ensure every single site can be connected properly

sureGUARD Video Response Centre Solution

sureGUARD is a professional video alarm management solution for Remote Video Response Centre (RVRCs) or central monitoring stations. It allows multiple operators to handle large volume of video alarm events from up to 5000 sites in 24x7 operations. Many built-in features facilitate speedy visual verification and greatly improve the efficiency of operators.

- Designed for visual alarm verification applications
- Comprehensive client account systems
- Swift and precise responses
- Built-in redundancy and purposely designed for 7x24 operations
- Excellent traceability in event and operational logs
- BS8418 compliant

iView HD Mobile Video Monitoring Software

By using TeleEye iView HD Mobile Video Monitoring Solution, users can view live video through iPad, iPhone, Android tablets, Android smartphones and various mobile phones.

- Mobile apps for video monitoring while you are on the move.
- iOS and Android versions available.
- Live video monitoring
- Telemetry control and playback (For RX, GX and speed domes only)



TeleEye Group

Signal Communications Ltd.

Int'l: (852) 2995 5996
 HK: (852) 2995 5992
 Web: www.TeleEye.com
 Email: info@TeleEye.com

TeleEye Bangladesh Ltd.

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

TeleEye Digital Technology (Shenzhen) Co., Ltd.

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

TeleEye Europe Ltd.

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

TeleEye Lanka (Pvt) Ltd.

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

TeleEye Malaysia Sdn. Bhd.

Tel: (603) 5122 1398
 Email: sales@TeleEye.com.my
 Web: www.TeleEye.com.my

TeleEye Mauritius Ltd.

Tel: (230) 686 1010
 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

TeleAy Video Çözümleri A.S.

Tel: (90) 212 343 35 72
 Email: info@TeleEye.com
 Web: www.TeleEye.com

Features and specifications are subject to change without prior notice. Measurement in this leaflet is based on a set of standard videos. Actual recording size and transmission frame rate is subject to actual camera situation. Copyright © 2014 Signal Communications Limited. TeleEye and SMAC-M are trademarks of Signal Communications Limited. TeleEye is registered in China, European Community, Hong Kong, U.S. and other countries. All other trademarks are the property of their respective owners.