About TeleEye

Founded in 1994, TeleEye Group is the first publicly traded spin-off from an academic institution in Hong Kong. It is principally engaged in development, sales and marketing of high-tech CCTV and digital surveillance equipment. Being one of the dynamic world-class suppliers of video surveillance solutions in the global market, it has a team of engineering professionals specialised in signal processing, telecommunications and digital technologies. Its products won prestigious local and international awards. The state-of-the-art TeleEye products are widely used in multi-national corporations, governments and public utilities.

The Group has 10 offices worldwide and established distribution channels covering over 50 countries. With leading-edge functions and excellent quality at affordable price, TeleEye is a well-known brand in the market. The Group develops highly efficient video streaming technology HD SMAC-M high definition video coder and offers total video surveillance solutions including HD video surveillance solution, network camera, CCTV application software, standalone DVR, video camera and speed dome for customer’s needs.
Complete End-to-End Video Surveillance Solution

High Definition (HD) Video
- GX HD Video Recording Server
- MX HD Network Camera

Standard Definition (SD) Video
- RX Video Recording Server
- Analog Camera
- Digital Video Recorder

Video Applications
- sureSIGHT
- sureGUARD
- iView HD
- siteMAP

Unified Architecture
High Definition Video Surveillance Solutions

- Crystal clear HD video: 720p and 1080p
- Hacker resistant – 5 levels of security protection
- HD SMAC-M Multi-stream coder
- Optimised recording and streaming performances
- Easy installation with CAMLOCK patented technology
- Support ONVIF IP cameras
HD Video Surveillance Technology

Hacker Resistant Technology

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 designing a video surveillance system. TeleEye always keep a watchful eye over customers' valuables with five layers of anti-hacking protection – AES 256-bit encryption technology, proprietary HD SMAC-M video coder, specific IP access, secure protocol for the Internet, and pair matching architecture.

HD SMAC-M Multi-stream Video Compression Technology

All TeleEye GX series HD video recording server, video recorders and MX series HD network cameras incorporate HD SMAC-M multi-stream video coder which allocates the best resources for video recording and viewing at various network capacities. HD SMAC-M compresses better and its data rate is about 50% lower than H.264*.

End-to-End HD Video Surveillance Solution

TeleEye develops a complete HD video surveillance solution including HD IP video cameras, real time recording servers and professional video management platforms. Since all components come under the same development, this end-to-end approach benefits installers and users in terms of optimal system performance, seamless compatibility, user-friendliness and ease of technical support.

*Data quote from: Secutech Camera Excellence Award 2011; Compression rate depends on actual scene under measurement and different results may be obtained due to motion or scene changes.
Two Distinctive HD Recording Solutions for Dedicated Network & Shared Network

A suitable CCTV set-up would have tremendous benefit in terms of ease of installation, system performance, overall system reliability and hassle free after-sales service. TeleEye offers two distinctive HD recording solutions that let customers decide on the best suitable choice according to the specific requirements and network configuration in the premises.

Dedicated Video Network

TeleEye GX series standalone video recording servers are designed for separating a video network completely from an IP network that is currently in use in the premises. It ensures deterministic video performance independent of the network condition and prevents video data from overloading the existing network. This approach can substantially enhance the security level of the entire video surveillance solution against any potential hacking of the video sources. Moreover, TeleEye’s patent CAMLOCK technology enables the recorders to automatically display live video and commence recording within 5 seconds.

Benefits:
- Dedicated cables ensure top performance
- No congestion with company’s computer network
- Enhanced system security
- Installation friendliness with CAMLOCK technology
- Prune-off unnecessary IT approval

Shared IP Network

HD cameras and recorders are plugged into an existing IP network and then share with other users. However, the mixing of HD video and other company data may create bottlenecks that affect overall system performance. Therefore, this approach calls for bandwidth planning and careful network configuration by experienced IT professionals.

Benefits:
- Lower implementation cost for using existing IP network
- Large recording capacity using RAID 5 hard disk array

*For sureREC HD recorder only
HD Video Recording Servers

GX Series
Standalone Real-time HD Video Recording Server

TeleEye GX Series is a range of HD video recording servers, which is specially designed for dedicated and shared network architecture. All GX models support real-time HD recording up to the maximum frame rate of 480fps. Incorporating with HD SMAC-M multi-stream video coder, recording, local display and network viewing performances are optimised.

Features:
- HD resolutions: 1080p and 720p
- Real-time recording up to 480fps
- Hacker resistant
- Flexible video networking topologies: dedicated and shared network mode
- BSS418 compliant
- Support ONVIF camera
- Quick video searching with thumbnail images

* Available for GX800 Series in Q3, 2014; for GX820 Series in Q4, 2014

GX620 Series

TeleEye GX620 Series is a range of real time HD video recording servers incorporated with a user-friendly control panel, PC mouse support for direct controls and HD video outputs for easy operations. It is the most suitable choice for installations requiring both local standalone and network operations.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GX624A</td>
<td>4-Vdeo, 1080p, 16-Alarm, 4 SATA HDD bays, Max. Recording Rate 100/120fps, HD Video Recording Server</td>
</tr>
<tr>
<td>GX629A</td>
<td>9-Vdeo, 1080p, 16-Alarm, 4 SATA HDD bays, Max. Recording Rate 225/270fps, HD video out, HD Video Recording Server</td>
</tr>
<tr>
<td>GX6216A</td>
<td>16-Vdeo, 1080p, 16-Alarm, 4 SATA HDD bays, Max. Recording Rate 400/480fps, HD video out, HD Video Recording Server</td>
</tr>
<tr>
<td>GX-BKT</td>
<td>19&quot; Rack Mounting Bracket for GX</td>
</tr>
</tbody>
</table>

GX600 Series

TeleEye GX600 Series is a range of real time HD video recording servers designed purely for operations via computer networks. It is the most suitable choice for applications purely requiring network based operations or installations in unmanned premises.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GX604</td>
<td>4-Vdeo, 1080p, 16-Alarm, 4 SATA HDD bays, Max. Recording Rate 100/120fps, HD Video Recording Server</td>
</tr>
<tr>
<td>GX609</td>
<td>9-Vdeo, 1080p, 16-Alarm, 4 SATA HDD bays, Max. Recording Rate 225/270fps, HD Video Recording Server</td>
</tr>
<tr>
<td>GX6016</td>
<td>16-Vdeo, 1080p, 16-Alarm, 4 SATA HDD bays, Max. Recording Rate 400/480fps, HD Video Recording Server</td>
</tr>
<tr>
<td>GX-BKT</td>
<td>19&quot; Rack Mounting Bracket for GX</td>
</tr>
</tbody>
</table>
Shared IP Network Approach

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 storage capacity can be further expanded by using external attached storage devices with RAID 5 data redundancy structure. 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 camera

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>sureREC-HDR-16</td>
<td>16-channel HD Video Recorder, Max. Recording Frame Rate: 400/480fps</td>
</tr>
<tr>
<td>sureREC-HDR-32</td>
<td>32-channel HD Video Recorder, Max. Recording Frame Rate: 800/960fps</td>
</tr>
<tr>
<td>DS1813+</td>
<td>8-bay Network-attached Storage, RAID 5</td>
</tr>
<tr>
<td>DS2413+</td>
<td>12-bay Network-attached Storage, RAID 5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>sureREC-16V3</td>
<td>16-channel HD Recording &amp; Viewing Software</td>
</tr>
<tr>
<td>sureREC-32V3</td>
<td>32-channel HD Recording &amp; Viewing Software</td>
</tr>
</tbody>
</table>
MX Series HD Network Camera

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 1080p/720p resolution via LAN, broadband and mobile networks. Furthermore the latest MX100 Series HD Network Cameras also support H.264 compression and operate in ONVIF mode.

TeleEye network cameras are always designed with security concerns in mind. With hacker resistant technology, TeleEye achieves maximum protection in the data security of its video surveillance solutions.
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

MX110-HD
Compact Fixed Dome
- HD 1080p Compact Fixed Dome
- f=4.2mm fixed iris lens
- 0.1 Lux @ F1.0
- Micro SD card slot (SD/SDHC/SDXC supported)
- 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
- Micro SD card slot (SD/SDHC/SDXC supported)
- 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
- IP66 weather proof and vandal resistant
- Micro SD card slot (SD/SDHC/SDXC supported)
- Bi-directional audio support, relay switch
- 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

HD Network Cameras | 12
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
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
- 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
Accessories of HD Network Products

Connection Extension Equipment
- IP03 Mid-Range LAN Extender
- IP04 Short-Range LAN Extender for PoE Network

PoE Connection Equipment
- IP05i PoE Injector
- IP05S PoE Splitter

Smart Switch and Transceiver
- NS24S 24-Port Gigabit VLAN Network Switch
- FOModule Fibre Optics module for NS08SP, NS24S, NS24SP

PoE Switch
- NS08SP 8-Port Gigabit VLAN PoE Network Switch
- NS24SP 24-Port Gigabit VLAN PoE Network Switch

Surge Protection Equipment
- SP006P-K PoE Network Surge Protector
- SP006-K Network Surge Protector

Connection within 200m (PoE)
- MX PoE Camera
- IP04 (PoE repeater) <100m
- IP05i (PoE Injector) <100m
- Connection to monitor

Connection within 1km (External Power)
- MX Camera
- IP03 (LAN extender) <1km
- IP03 (LAN extender)
- Connection to monitor

Connection within 10km
- MX Camera
- NS24S (Smart Switch)
- Optical fibre ≤10km
- NS24S (Smart Switch)
- Connection to monitor
Security Cameras Can Be Easily Hacked?

Many industries spend big on security cameras to monitor the premises. In times of trouble, the investment often proves to justify the cost because of the machine’s ability to catch criminals red-handed and to provide crucial video evidence. But not every surveillance camera sold on the market can do what the security managers have paid for as Dr. Wallace Ma explains.

What’s happening?

It may seem to happen only in Hollywood movies, but in reality, criminals could hack the live feed of IP camera without the security guards knowing or seize control of the systems to zoom directly into any objects that appear around the premises.

Frequently it was reported in the news that many open system IP cameras are susceptible to hacker attacks. These cameras could be installed in banks, retail stores or schools.

Why?

Most IP cameras are designed to support an open platform. This means that the architecture is freely available for anyone to read.

Anyone who is interested in accessing these types of cameras can do so, as very little or no technical skill is required, there are webpages and in-depth videos available to these hacking enthusiasts, that provide step by step instructions on how to access these systems.

These security and privacy breaches alone are proving to be a ticking bomb for all organisations because of the cameras installed at sensitive areas, like the ATMs and cashiers.

As a result, security managers may get in a quandary about the financial and public repercussions of a hacked system.

What can we do about it?

At TeleEye, our engineers came up with a special multi-layer protection scheme in its IP cameras against any intrusion activities:

- a set of special video streaming protocols to provide extra security during internet transmission.
- AES 256-bit encryption which is also adopted by the US government to protect critical data.
- giving individual identity to all hardware and software applications to restrict unauthorised access.
- allow only designated IP addresses to access the cameras.
- protect visual data in a proprietary HD SMAC-M format.

To learn more about hacker resistant technology, please visit www.TeleEye.com
Video Management Applications

sureSIGHT
- Live monitoring
- Display up to 64 videos
- Event logs
- Compatible with TeleEye GX, RX, JN and MX products
- Video Analytic

sureGUARD
- Video alarm management solution
- 7 x 24 operations
- Event and operational logs
- BS8418 compliant

iView HD
- Supporting IOS and Android
- Remote monitoring
- Available for the products of TeleEye GX, RX, JN and MX Series
Strengths:

- Maximum situational awareness
- Unified Architecture supporting all TeleEye video recording servers and security cameras
- Response escalation
- Centralised event management
- Suitable for video management, video recording, alarm verification and mobile monitoring
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.

iView HD Mobile Video Monitoring Software

TeleEye iView HD are the video surveillance apps for iPhone, iPad and Android devices. They allow users to remotely monitor the business anytime and anywhere.

As TeleEye video recording servers and network cameras provide an independent video stream for mobile channels, you can obtain high quality video on your iPad, iPhone and Android devices. The users can also control the PTZ cameras and receive alarm events remotely*.

- 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 and GX only)

Android Version

iOS Version

*Not available for JN series digital video recorders

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 TeleEye analogue and HD products
- Video analytic functions
- Support ONVIF cameras

sureSIGHT Business

- Single-workstation Solution
- Capable of displaying 64 live cameras and 16 event driven cameras simultaneously
- Suitable for small to medium installation

sureSIGHT Pro

- Multiple-workstation Solution
- Allow multiple operators to manage large number of cameras and video servers
- Suitable for medium to large installation
sureGUARD Video Management Centre Solution

sureGUARD Video Management Software is a key component of TeleEye Video Management Centre Solution. It is a professional video alarm management solution for Remote Video Response Centre (RVRCs) or central monitoring stations. It fully complies with British Standard BS 8418 for remote monitoring of detector activated CCTV systems. sureGUARD 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.

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

Value-added Module

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
Video Analytic Modules for sureSIGHT Business

1) Flow Analysis

- Effective aid for retail and property management
- Flow analysis at configurable time interval
- Flexible reporting format

2) Intrusion & Loitering Warning

- Early warning on potentially unauthorised incidents
- Easy setup with self-adaptive mechanism
- Flexible user alert mechanisms

3) Unattended & Missing Object Warning

- Early warning on burglary and threats to public safety
- Flexible user alert mechanisms
TeleEye goes beyond security - Capturing business intelligence for retail management

The continuous growth of economy in China has stimulated an overwhelming demand on luxury products. In order to capitalise on their market leadership, all luxury brands strive for expanding the retail networks at various locations: Managing multiple stores at once will be a great challenge without the aid of technologies. With this in mind, one of the world's leading luxury brands has adopted TeleEye surveillance solution for their security and management needs. Currently there are 12 boutique stores clinging to TeleEye analogue solutions, 4 flagship stores in Hong Kong are equipped with TeleEye HD solution and the installation is still ongoing. Both HD digital and analogue videos can all be well managed by sureSIGHT video management platform. As a result, it performs a first-of-its-kind retail management solution that can manage store resources more efficiently, plan for loss prevention, streamline store operations for employees and increase the overall safety of stores for customers.

Keeping an eye on money matters

TeleEye surveillance solution is able to work with client's existing point-of-sale (POS) system, overlaying transaction information including invoice number, item code and discount on the recorded video. The management could make investigation of complaints and combat credit card frauds. "We don't produce POS system. TeleEye DVRs acquire transaction data from 3rd party POS systems, text overlay and synchronise with video footages to facilitate easy searching on suspicious goings-on, detection of fraud transaction and investigation of customer complaints", commented by Nevin Ho, Engineering Director of TeleEye.

Understanding customer behaviour

TeleEye integrated video management platform - "sureSIGHT Business", offers a flow analysis as an add-on module. "Recently introduced a flow analysis function is an effective means of measuring the business activity inside boutiques during different time intervals. By comparing traffic with business volume, customer response and productivity are measured thereby allowing roster optimisation", said by Kurt Li, Senior Sales Engineer of TeleEye. Traffic trend with respect to opening hours and customer browsing patterns can therefore be evaluated. Management team can decide the staff level, product display arrangement along with discount information placement within the retail shop to maximise customers' satisfaction and more importantly, the potential purchasing interests.

Centralising remote management

In addition to the vital need of accessing all cameras on a centralised local recorder, viewing the cameras on mobile phones with a secure connection keeps the management team to be aware of emergencies on their finger tips. The offering of secure remote access helps to streamline the process of security surveillance, delivering efficiency together with a complete and scalable CCTV security solution. "Moreover, the TeleEye surveillance systems always come with security concern in mind. With its 5 layers of anti-hacking protection, TeleEye gives clients a peace of mind. The hacker resistant design of TeleEye also gives clients extra confidence on streaming the video footage over the Internet.", Kurt added.
Standard Definition Video Surveillance Solution

- Ultra high resolution
- Real-time recorders and servers
- Hacker resistant
- BS 8418 compliant
- Wide-range cameras selection
- Dual Compressions: SMAC-M and H.264
Video Recording Servers

RX800
Professional Ultra-high Resolution Video Recording Server

TeleEye RX800 Series is a range of ultra-high resolution video recording servers. RX800 series incorporates the revolutionary design Multi-stream Video Coding Technology SMAC-M for video transmission. It delivers truly "no compromise" on both video transmission & excellent recording performance.

Features:
- Max. resolution: 960x576 (PAL) and 960x480 (NTSC) (33% higher than D1)
- Real-time recording up to 400fps (PAL) and 480fps (NTSC)
- Dual compressions: SMAC-M and H.264
- 4 video streams with independent recording stream
- Hacker resistant
- Excellent video streaming performance via LAN, broadband & mobile network
- Main (HD/VGA) + Spot (BNC) video outputs
- Video loop-through
- Support 4 internal SATA
- USB Port for fast video extraction
- Up to 16-channel audio input
- British Standard BS8418 compliant

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RX806</td>
<td>6-Video, 16-Alarm, Max. Recording: 150 / 180fps, 4 Internal SATA, BS 8418 Compliant, Ultra Hi-Res Video Recording Server</td>
</tr>
<tr>
<td>RX812</td>
<td>12-Video, 16-Alarm, Max. Recording: 300 / 360fps, 4 Internal SATA, BS 8418 Compliant, Ultra Hi-Res Video Recording Server</td>
</tr>
<tr>
<td>RX816</td>
<td>16-Video, 16-Alarm, Max. Recording: 400 / 480fps, 4 Internal SATA, BS 8418 Compliant, Ultra Hi-Res Video Recording Server</td>
</tr>
</tbody>
</table>

Accessories

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RX-KB03</td>
<td>TeleEye RX &amp; DM Keyboard with Joystick</td>
</tr>
<tr>
<td>RX-ALM</td>
<td>TeleEye Alarm Break-Out box for RX800, RX360, RX320 &amp; RX904</td>
</tr>
</tbody>
</table>
Video Recording Servers

RX320 Series Professional Video Recording Server

TeleEye RX Series is a range of professional video recording servers incorporating its revolutionary Multi-stream Video Coding Technology SMAC-M. It delivers truly "no compromise" on both video transmission & excellent DVD quality recording performance.

Features:
- Maximum transmission frame rate of 100 / 120fps on LAN
- Recording up to 100 / 120fps on D1 & 400 / 480fps on CIF
- Video transmission via LAN, broadband & mobile network
- Built-in DVD writer or USB Port for fast video extraction
- Independent remote viewers
- Composite / VGA video output with OSD menu
- British Standard BS 8418 compliance
- Mobile video monitoring
- Advanced event management with ARM and dialback, etc.

RX320 Series

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RX324</td>
<td>4-Video, 16-Alarm, Max. Recording: 100 / 120fps, BS 8418 Compliant, Video Recording Server</td>
</tr>
<tr>
<td>RX328</td>
<td>8-Video, 16-Alarm, Max. Recording: 200 / 240fps, BS 8418 Compliant, Video Recording Server</td>
</tr>
<tr>
<td>RX3216</td>
<td>16-Video, 16-Alarm, Max. Recording: 400 / 480fps, BS 8418 Compliant, Video Recording Server</td>
</tr>
</tbody>
</table>
Digital Video Recorders

**JN Series Ultra High Resolution Digital Video Recorder**

TeleEye JN Series is a range of 4-, 8-, and 16-channel real-time digital video recorders at 960 x 576 pixels. By adapting H.264 compression format, TeleEye JN series has a broad range of application. It supports up to 8 hard disk drives for long recording time.

**JN300X Digital Video Recorder**

**Features:**
- Max. resolution: 960x576 (PAL) and 960x480 (NTSC) (33% higher than D1)
- Real-time recording up to 400fps (PAL) and 480fps (NTSC)
- H.264 video compression
- Main (HD/VGA) + Spot (BNC) video outputs
- Video loop-through
- 8/16 Audio & alarm inputs, 1 audio output, 4 relay output
- Massive storage capacity – supporting 8 HDDs

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>JN308X</td>
<td>8-Video, 8-Alarm, Max. Recording: 200/240fps, 8 SATA Interface, Digital Video Recorder</td>
</tr>
<tr>
<td>JN316X</td>
<td>16-Video, 16-Alarm, Max. Recording: 400/480fps, 8 SATA Interface, Digital Video Recorder</td>
</tr>
</tbody>
</table>

**JN200X Digital Video Recorder**

**Features:**
- Max. resolution: 960x576 (PAL) and 960x480 (NTSC) (33% higher than D1)
- H.264 video compression
- 4/8/16 alarm inputs, 4 audio inputs, 1 audio output, 1 relay output
- 1 internal SATA HDD
- HD/VGA video outputs

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>JN204X</td>
<td>4-Video, 4-Alarm, Max. Recording: 100/120fps, 1 SATA Interface, Digital Video Recorder</td>
</tr>
<tr>
<td>JN208X</td>
<td>8-Video, 8-Alarm, Max. Recording: 100/120fps, 1 SATA Interface, Digital Video Recorder</td>
</tr>
<tr>
<td>JN216X</td>
<td>16-Video, 16-Alarm, Max. Recording: 200/240fps, 1 SATA Interface, Digital Video Recorder</td>
</tr>
</tbody>
</table>
Speed Domes

DM599 Professional 36x Day / Night Speed Dome

- 1/4" Sony CCD
- Resolution : 480 (Day) / 550 (Night) TVL
- Day / Night minimum illumination : 0.01 Lux
- 128 presets, 6 patrols, 3 patterns
- 432x zoom ; Optical : 36x, Digital : 12x
- 8 privacy zone maskings
- IP66 weather proof standard
- OSD menu

DM564 / DM565
Budget 33x Day / Night Speed Dome

- 1/4" CCD
- Ultra Hi-resolution : 550 (Day) / 680 (Night) TVL
- Day / Night minimum illumination : 0.03 Lux
- 50 presets, 1 patrol
- 396x zoom ; Optical : 33x, Digital : 12x
- IP66 weather proof standard (DM565 only)

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM599</td>
<td>Outdoor Wall Mount, Day / Night, 480 / 550 TVL, 0.01 Lux, Zoom: Optical 36x; Digital 12x, 128 Presets, OSD, IP66, 24V AC</td>
</tr>
<tr>
<td>DM564</td>
<td>Indoor Wall Mount, Day / Night, 550 / 680 TVL, 0.03 Lux, Zoom: Optical 33x; Digital 12x, 50 Presets, 24V AC</td>
</tr>
<tr>
<td>DM565</td>
<td>Outdoor Wall Mount, Day / Night, 550 / 680 TVL, 0.03 Lux, Zoom: Optical 33x; Digital 12x, 50 Presets, IP66, 24V AC</td>
</tr>
</tbody>
</table>

Accessories

- **DM56-CL**  
  Recessed Ceiling Mount Fixture for DM564

- **DM56-PD**  
  Pendant Mount Bracket for DM590 & DM560 Series

- **DM56-PL**  
  Pole Mount Bracket for DM590 & DM560 Series

- **DM56-CN**  
  Corner Mount Bracket for DM590 & DM560 Series

- **DM56-VRC**  
  Vandal Resistant Cover for DM590 & DM560 Series

- **RX-KB03**  
  TeleEye RX & DM Keyboard with Joystick
Mini Speed Dome

DM465 12x Mini Speed Dome

- 1/4" Sony CCD
- Resolution : 600 (Day) / 680 (Night) TVL
- Day / Night minimum illumination : 0.04 Lux
- 128 presets, 1 patrol
- 192x zoom : Optical : 12x, Digital : 16x
- IP66 weather proof standard

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM465</td>
<td>Outdoor Wall Mount, Day / Night, 600 / 680 TVL, 0.04 Lux, Zoom: Optical 12x, Digital 16x, 128 Presets, IP66, 24V AC</td>
</tr>
</tbody>
</table>

Accessories

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM46-PD</td>
<td>Pendant Mount Bracket for DM465</td>
</tr>
<tr>
<td>DM46-PL</td>
<td>Pole Mount Bracket for DM465</td>
</tr>
<tr>
<td>DM46-CN</td>
<td>Corner Mount Bracket for DM465</td>
</tr>
<tr>
<td>RX-KB03</td>
<td>TeleEye RX &amp; DM Keyboard with Joystick</td>
</tr>
</tbody>
</table>

RX-KB03
## Speed Domes Selection Guide

<table>
<thead>
<tr>
<th></th>
<th>DM599</th>
<th>DM564</th>
<th>DM565</th>
<th>DM465</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Image of dome cameras]</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Environment
- **Indoor**: ✓ ✓ ✓ ✓ ✓
- **Outdoor**: ✓ — ✓ ✓ ✓

### Mounting option
- **Ceiling mount**: — △ — —
- **Wall mount**: ✓ ✓ ✓ ✓ ✓
- **Pendant mount**: △ △ △ △
- **Pole mount**: △ △ △ △
- **Corner mount**: △ △ △ △

### Zooming capability
- **Optical**: 36x 33x 33x 12x
- **Digital**: 12x 12x 12x 16x

### Resolution
- **Day / Night (TVL)**: 480/550 550/680 550/680 600/680

### Automated function
- **Preset**: 128 50 50 128
- **Patrol**: 6 1 1 1
- **Pattern**: 3 — — —
- **Auto-scan**: 1 1 1 1

### Privacy Mask
- **No.**: 8 — — —

### Miscellaneous
- **Vandal resistant**: △ △ △ △

✓ - Inclusive
△ - Optional
## Analogue Cameras

<table>
<thead>
<tr>
<th></th>
<th>Mini Dome</th>
<th>Vandal Resistant IR Dome</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>DF108H</td>
<td>DF108X</td>
</tr>
<tr>
<td><strong>Pick Up Device</strong></td>
<td>1/3&quot; Sony CCD</td>
<td>1/3&quot; Sony Super HAD II CCD</td>
</tr>
<tr>
<td><strong>Horizontal Resolution</strong></td>
<td>600 TVL</td>
<td>700 TVL</td>
</tr>
<tr>
<td><strong>Lens</strong></td>
<td>3.6mm</td>
<td>3.6mm</td>
</tr>
<tr>
<td><strong>View Angle (Horizontal)</strong></td>
<td>68°</td>
<td>68°</td>
</tr>
<tr>
<td><strong>Auto Iris Lens</strong></td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Auto IR Cut Filter</strong></td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>IR LED / Effective Range</strong></td>
<td>-</td>
<td>24 infrared LEDs / ~15m</td>
</tr>
<tr>
<td><strong>Min. illumination</strong></td>
<td>0.1 Lux / F1.2</td>
<td>0.1 Lux / F1.2</td>
</tr>
<tr>
<td><strong>Electronic Shutter</strong></td>
<td>1/50 (1/60) to 1/100,000 sec</td>
<td>1/50 (1/60) to 1/100,000 sec</td>
</tr>
<tr>
<td><strong>Electronic Shutter Control</strong></td>
<td>Built-in</td>
<td>Built-in</td>
</tr>
<tr>
<td><strong>Wide Dynamic Range</strong></td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Back Light Compensation</strong></td>
<td>Built-in</td>
<td>Built-in</td>
</tr>
<tr>
<td><strong>White Balance</strong></td>
<td>Auto</td>
<td>Auto</td>
</tr>
<tr>
<td><strong>Video Output</strong></td>
<td>1.0 Vp-p, 75Ω</td>
<td>1.0 Vp-p, 75Ω</td>
</tr>
<tr>
<td><strong>Auto Gain Control</strong></td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>OSD Menu</strong></td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Privacy Mask</strong></td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Noise Reduction</strong></td>
<td>Auto</td>
<td>Auto</td>
</tr>
<tr>
<td><strong>Power Source</strong></td>
<td>12V DC / 200mA</td>
<td>12V DC / 200mA</td>
</tr>
<tr>
<td><strong>Operating Temperature</strong></td>
<td>-20°C ~ +50°C</td>
<td>-20°C ~ +50°C</td>
</tr>
<tr>
<td><strong>Weather Proof Standard</strong></td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Weight (g)</strong></td>
<td>180</td>
<td>180</td>
</tr>
</tbody>
</table>
## Analogue Cameras

### Outdoor IR Shell Dome

<table>
<thead>
<tr>
<th></th>
<th>DF291X</th>
<th>DF294H</th>
<th>DF294X</th>
<th>DF297X</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Pick Up Device</strong></td>
<td>1/3&quot; Sony Super HAD II CCD</td>
<td>1/3&quot; Sony CCD</td>
<td>1/3&quot; Sony Super HAD II CCD</td>
<td>1/3&quot; Sony Super HAD II CCD</td>
</tr>
<tr>
<td><strong>Horizontal Resolution</strong></td>
<td>700 TVL</td>
<td>600 TVL</td>
<td>700 TVL</td>
<td>700 TVL</td>
</tr>
<tr>
<td><strong>Lens</strong></td>
<td>3.6mm</td>
<td>3.6mm</td>
<td>3.6mm</td>
<td>2.8mm ~ 12mm</td>
</tr>
<tr>
<td><strong>View Angle (Horizontal)</strong></td>
<td>68°</td>
<td>68°</td>
<td>68°</td>
<td>12° ~ 94.6°</td>
</tr>
<tr>
<td><strong>IR LED / Effective Range</strong></td>
<td>6 infrared LEDs / ~5m</td>
<td>24 infrared LEDs / ~15m</td>
<td>24 infrared LEDs / ~15m</td>
<td>36 infrared LEDs / ~15m</td>
</tr>
<tr>
<td><strong>Min. illumination</strong></td>
<td>0.0 Lux</td>
<td>0.0 Lux</td>
<td>0.0 Lux</td>
<td>0.0 Lux</td>
</tr>
<tr>
<td><strong>Electronic Shutter</strong></td>
<td>1/50 (1/60) to 1/100,000 sec</td>
<td>1/50 (1/60) to 1/100,000 sec</td>
<td>1/50 (1/60) to 1/100,000 sec</td>
<td>1/50 (1/60) to 1/100,000 sec</td>
</tr>
<tr>
<td><strong>Electronic Shutter Control</strong></td>
<td>Built-in</td>
<td>Built-in</td>
<td>Built-in</td>
<td>Built-in</td>
</tr>
<tr>
<td><strong>Wide Dynamic Range</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Back Light Compensation</strong></td>
<td>Built-in</td>
<td>Built-in</td>
<td>Built-in</td>
<td>On / Off switchable</td>
</tr>
<tr>
<td><strong>White Balance</strong></td>
<td>Auto</td>
<td>Auto</td>
<td>Auto</td>
<td>Auto</td>
</tr>
<tr>
<td><strong>Video Output</strong></td>
<td>1.0 Vp-p, 75Ω</td>
<td>1.0 Vp-p, 75Ω</td>
<td>1.0 Vp-p, 75Ω</td>
<td>1.0 Vp-p, 75Ω</td>
</tr>
<tr>
<td><strong>Auto Gain Control</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>OSD Menu</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>Multi-language</td>
</tr>
<tr>
<td><strong>Privacy Mask</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>8</td>
</tr>
<tr>
<td><strong>Noise Reduction</strong></td>
<td>Auto</td>
<td>Auto</td>
<td>Auto</td>
<td>On / Off</td>
</tr>
<tr>
<td><strong>Power Source</strong></td>
<td>12V DC / 100mA (IR OFF) 120mA (IR ON)</td>
<td>12V DC / 200mA (IR OFF) 400mA (IR ON)</td>
<td>12V DC / 200mA (IR OFF) 400mA (IR ON)</td>
<td>12V DC / 200mA (IR OFF) 500mA (IR ON)</td>
</tr>
<tr>
<td><strong>Operating Temperature</strong></td>
<td>-20°C ~ +50°C</td>
<td>-20°C ~ +50°C</td>
<td>-20°C ~ +50°C</td>
<td>-20°C ~ +50°C</td>
</tr>
<tr>
<td><strong>Weather Proof Standard</strong></td>
<td>IP66</td>
<td>IP66</td>
<td>IP66</td>
<td>IP66</td>
</tr>
<tr>
<td><strong>Weight (g)</strong></td>
<td>170</td>
<td>410</td>
<td>410</td>
<td>750</td>
</tr>
<tr>
<td>IR Camera</td>
<td>SF284H</td>
<td>SF284X</td>
<td>SF285X</td>
<td>SF287X</td>
</tr>
<tr>
<td>-----------</td>
<td>--------</td>
<td>--------</td>
<td>--------</td>
<td>--------</td>
</tr>
<tr>
<td>1/3&quot; Sony Super HAD II CCD</td>
<td>1/3&quot; Sony Super HAD II CCD</td>
<td>1/3&quot; Sony Super HAD II CCD</td>
<td>1/3&quot; Sony Super HAD II CCD</td>
<td></td>
</tr>
<tr>
<td>600 TVL</td>
<td>700 TVL</td>
<td>700 TVL</td>
<td>700 TVL</td>
<td></td>
</tr>
<tr>
<td>3.6mm</td>
<td>3.6mm</td>
<td>3.6mm</td>
<td>2.8mm ~ 12mm</td>
<td></td>
</tr>
<tr>
<td>68°</td>
<td>68°</td>
<td>68°</td>
<td>12° ~ 94.6°</td>
<td></td>
</tr>
<tr>
<td>24 infrared LEDs / ~15m</td>
<td>24 infrared LEDs / ~15m</td>
<td>36 infrared LEDs / ~20m</td>
<td>36 infrared LEDs / ~20m</td>
<td></td>
</tr>
<tr>
<td>0.0 Lux</td>
<td>0.0 Lux</td>
<td>0.0 Lux</td>
<td>0.0 Lux</td>
<td></td>
</tr>
<tr>
<td>1/50 (1/60) to 1/100,000 sec</td>
<td>1/50 (1/60) to 1/100,000 sec</td>
<td>1/50 (1/60) to 1/100,000 sec</td>
<td>1/50 (1/60) to 1/100,000 sec</td>
<td></td>
</tr>
<tr>
<td>Built-in</td>
<td>Built-in</td>
<td>Built-in</td>
<td>Built-in</td>
<td></td>
</tr>
<tr>
<td>-</td>
<td>-</td>
<td>-</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Built-in</td>
<td>Built-in</td>
<td>Built-in</td>
<td>On / Off switchable</td>
<td></td>
</tr>
<tr>
<td>Auto</td>
<td>Auto</td>
<td>Auto</td>
<td>Auto</td>
<td></td>
</tr>
<tr>
<td>1.0 Vp-p, 75Ω</td>
<td>1.0 Vp-p, 75Ω</td>
<td>1.0 Vp-p, 75Ω</td>
<td>1.0 Vp-p, 75Ω</td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>-</td>
<td>-</td>
<td>-</td>
<td>Multi-language</td>
<td></td>
</tr>
<tr>
<td>-</td>
<td>-</td>
<td>-</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>Auto</td>
<td>Auto</td>
<td>Auto</td>
<td>On / Off</td>
<td></td>
</tr>
<tr>
<td>12V DC / 200mA (IR OFF)</td>
<td>12V DC / 200mA (IR OFF)</td>
<td>12V DC / 200mA (IR OFF)</td>
<td>12V DC / 200mA (IR OFF)</td>
<td></td>
</tr>
<tr>
<td>400mA (IR ON)</td>
<td>400mA (IR ON)</td>
<td>500mA (IR ON)</td>
<td>500mA (IR ON)</td>
<td></td>
</tr>
<tr>
<td>-20°C ~ +50°C</td>
<td>-20°C ~ +50°C</td>
<td>-20°C ~ +50°C</td>
<td>-20°C ~ +50°C</td>
<td></td>
</tr>
<tr>
<td>IP66</td>
<td>IP66</td>
<td>IP66</td>
<td>IP66</td>
<td></td>
</tr>
<tr>
<td>345</td>
<td>345</td>
<td>710</td>
<td>720</td>
<td></td>
</tr>
</tbody>
</table>

TeleEye

Analogue Cameras | 32
# Analogue Cameras

<table>
<thead>
<tr>
<th></th>
<th>Long Range WDR IR Camera</th>
<th>Box Camera</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Model</strong></td>
<td>SF487XM</td>
<td>SF42XT</td>
</tr>
<tr>
<td><strong>Pick Up Device</strong></td>
<td>1/3&quot; Sony Super HAD II CCD</td>
<td>1/3&quot; Sony Super HAD II CCD</td>
</tr>
<tr>
<td><strong>Horizontal Resolution</strong></td>
<td>700 TVL</td>
<td>700 TVL</td>
</tr>
<tr>
<td><strong>Lens</strong></td>
<td>6mm ~ 22mm</td>
<td>5mm ~ 50mm</td>
</tr>
<tr>
<td><strong>View Angle (Horizontal)</strong></td>
<td>16° ~ 54°</td>
<td>6° ~ 52°</td>
</tr>
<tr>
<td><strong>Auto Iris Lens</strong></td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Auto IR Cut Filter</strong></td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>IR LED / Effective Range</strong></td>
<td>48 infrared LEDs / ~30m</td>
<td>48 IR LEDs plus 2 groups high-power LEDs / ~80m</td>
</tr>
<tr>
<td><strong>Min. illumination</strong></td>
<td>0.0 Lux</td>
<td>0.0 Lux</td>
</tr>
<tr>
<td><strong>Electronic Shutter</strong></td>
<td>1/50 (1/60) to 1/100,000 sec</td>
<td>1/50 (1/60) to 1/100,000 sec</td>
</tr>
<tr>
<td><strong>Electronic Shutter Control</strong></td>
<td>On / Off switchable</td>
<td>On / Off switchable</td>
</tr>
<tr>
<td><strong>Wide Dynamic Range</strong></td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Back Light Compensation</strong></td>
<td>On / Off switchable</td>
<td>On / Off switchable</td>
</tr>
<tr>
<td><strong>S/N Ratio</strong></td>
<td>More than 48dB (AGC off)</td>
<td>More than 52dB (AGC off)</td>
</tr>
<tr>
<td><strong>Video Output</strong></td>
<td>1.0 Vp-p, 75Ω</td>
<td>1.0 Vp-p, 75Ω</td>
</tr>
<tr>
<td><strong>Auto Gain Control</strong></td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>OSD Menu</strong></td>
<td>Multi-language</td>
<td>Multi-language</td>
</tr>
<tr>
<td><strong>Privacy Mask</strong></td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td><strong>Noise Reduction</strong></td>
<td>On / Off</td>
<td>On / Off</td>
</tr>
<tr>
<td><strong>Power Source</strong></td>
<td>12V DC / 200mA (IR OFF) 600mA (IR ON)</td>
<td>12V DC / 200mA (IR OFF) 1000mA (IR ON)</td>
</tr>
<tr>
<td><strong>Operating Temperature</strong></td>
<td>-20°C ~ +50°C</td>
<td>-20°C ~ +50°C</td>
</tr>
<tr>
<td><strong>Weather Proof Standard</strong></td>
<td>IP66</td>
<td>IP67</td>
</tr>
<tr>
<td><strong>Weight (g)</strong></td>
<td>1050</td>
<td>1400</td>
</tr>
</tbody>
</table>
## Accessories of SD Products

### Lens
- **TE358AIR**
  - 1/3" Vari-focal f=3.5-8mm, F1.4 DC Drive, Auto-Iris
- **TE2810A**
  - 1/3" Vari-focal f=2.8-10mm, F1.4 DC Drive, Auto-Iris
- **TE550AIR**
  - 1/3" Vari-focal f=5-50mm, F1.7 DC Drive, Auto-Iris

### Coaxial to UTP Transceivers
- **PVT-11CU**
  - One Channel Coaxial to UTP Passive Video Transceiver
- **PVT-11CUD**
  - One Channel Coaxial to UTP Passive Video Transceiver
- **PVT-44CU**
  - Four Channels Coaxial to UTP Passive Video Transceiver
- **AVT-11CU**
  - One Channel Coaxial to UTP Active Video Transmitter and Receiver
- **TPN012**
  - 3U Universal Rack Mounting Panel for 12 pcs PVT-44CU
- **TPN009**
  - 2U Universal Rack Mounting Panel for 9 pcs AVT-11CU

### Surge Protectors
- **CSP-CC**
  - One Channel Coaxial Surge Protector
- **RSP-UU**
  - One Channel RS485 Surge Protector
- **PSP-UU**
  - One Channel Power Line Surge Protector

### Amplified Microphone
- **SP-15E**
  - Amplified Microphone, Line level output, 12V DC

### Camera Housings & Brackets
- **R-TS-602**
  - Wall-mount Camera Bracket
- **R-TS-605**
  - Wall-mount Bracket for R-TS-806-HB
- **R-TS-806-HB**
  - Outdoor Aluminum Housing with Sunshield, IP66

### Adaptors
- **ADAP-12V-125**
  - Input: 220V AC, Output: 12V DC, 1.25A
- **AC-24V-1A25**
  - Input: 120 / 240V AC, Output: 24V AC, 1.25A
- **ADAP-12V6.6A-4P**
  - Input: 120 / 240V AC, Output: 12V DC, 6.6A
- **ADAP-16V5.6A**
  - Input: 120 / 240V AC, Output: 16V DC, 5.6A
Signal Communications Ltd.
Units 202-203, 2/F, Ludad Centre, 836 Lai Chee Kok Road,
Kowloon, Hong Kong
International: (852) 2955 5996
Hong Kong: (852) 2955 5992
Email: info@SignalCom.com

TeleEye Bangladesh Ltd.
House 131, Road 4, Dhanmondi, Dhaka-1205, Bangladesh
Tel: (88) 02 9627024
Fax: (88) 02 9664077
Email: info@TeleEye-bd.com
Web: www.TeleEye-bd.com

TeleEye Digital Technology (Shenzhen) Co., Ltd.
Room 314, M2 Building, Miquing, Shennan Hi-tech Industrial Park,
Shennan District, Shenzhen, PRC
Tel: (86) 755-2671-2122
Fax: (86) 755-2671-2287
Email: info@TeleEye.com.cn
Web: www.TeleEye.com.cn

TeleEye Europe Ltd.
4 Maidenshead Enterprise Centre, Cordwallis Street,
Maidenhead, Berkshire SL6 7BE, United Kingdom
Tel: (44) 1628 776081
Fax: (44) 1628 407389
Email: info@TeleEye.co.uk
Web: www.TeleEye.com

TeleEye Lanka (Pvt) Ltd.
223, Ward Place Colombo 07, Sri Lanka
Tel: (94) 11 2690024
Fax: (94) 11 2690004
Email: info@TeleEye.com.lk
Web: www.TeleEye.com.lk

TeleEye Malaysia Sdn. Bhd.
No.5A & 6B, Jalan Anggerik Vanilla AF, Sekyuen 31/AF,
Kota Kemuning, 41400, Malaysia
Tel: (603) 5122 1399
Fax: (603) 5122 0308
Email: sales@TeleEye.com.my
Web: www.TeleEye.my

TeleEye Mauritius Ltd.
54, Swami Shrananda Avenue, Floréal, Republic of Mauritius
Tel: (230) 686 1010
Fax: (230) 686 2179
Email: info@TeleEye.com.mv
Web: www.TeleEye.com.mv

TeleEye Philippines Inc.
201-H Del Monte Avenue, Quezon City, Metro Manila, Philippines
Tel: (63) 2-2650897
Fax: (63) 2-2651446
Email: contact@TeleEye.com.ph
Web: www.TeleEye.com.ph

TeleEye (South Africa) (Pty) Ltd.
Unit 4, 4 Homestead Avenue, Bryanston, P.O.Box 2376,
Sandton 2123, South Africa
Tel: (27) 11 557 9200
Fax: (27) 11 706 3847
Email: info@TeleEye.co.za
Web: www.TeleEye.co.za

TeleAy Video Çözümleri A.S.
Ergenekon Mah., Dolapdere Cad. No: 134 Parnali Istanbul, Turkey
Tel: (90) 212 343 35 72
Fax: (90) 212 343 35 73
Email: Info@TeleEye.com
Web: www.TeleEye.com

All pictures are simulated.
Product weights and dimensions are approximate.
Features and specifications are subject to change without prior notice.

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.