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# Siqura Surveillance Solutions

*Pleased to meet you!* We are Siqura, a global supplier of IP video and fiber transmission equipment. Our goal is to improve public safety by delivering high-quality video surveillance solutions that are both reliable and innovative. We specifically focus on critical infrastructures, traffic and public transport.

## International scope

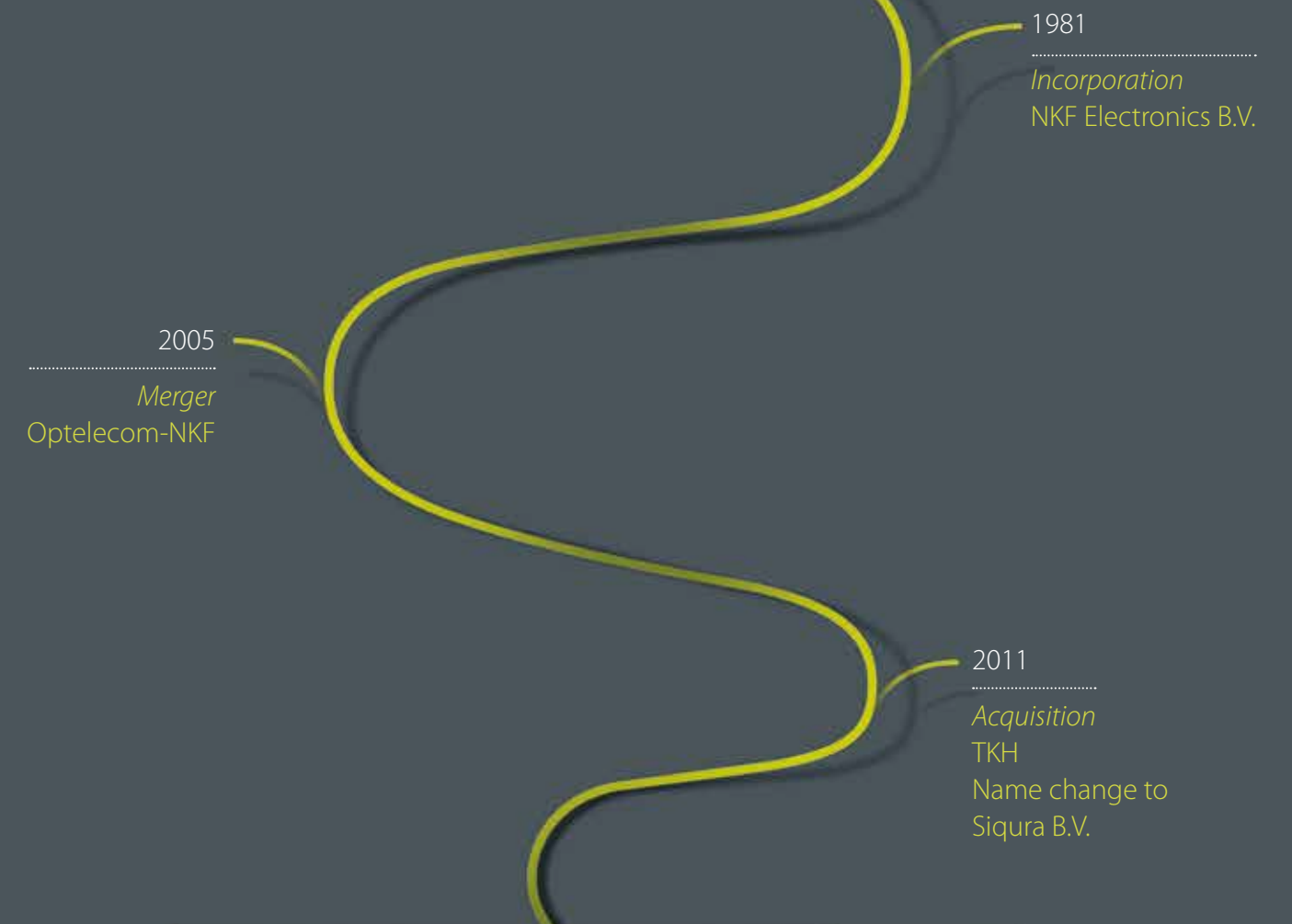
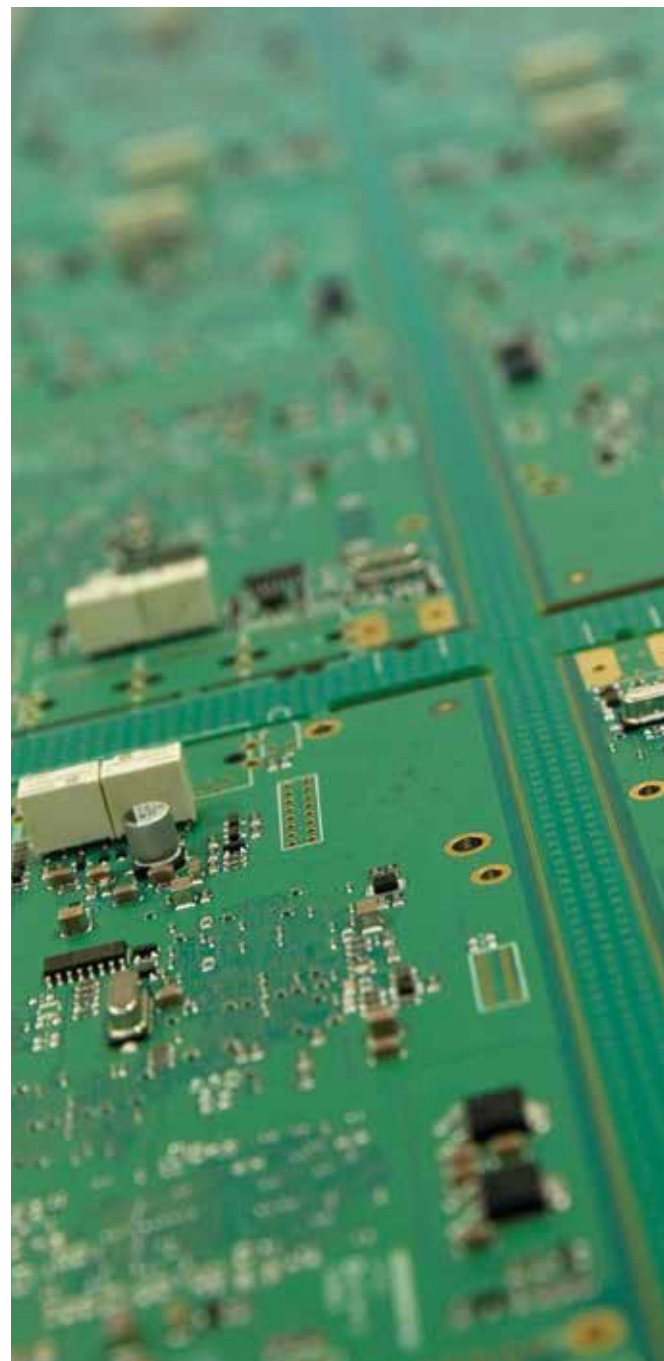
In 2011 we became part of TKH Security Solutions, a division of the TKH Group. The TKH Security Solutions portfolio offers a wide range of products and solutions for video transmission, video content analysis, video management, intercom, access control and central control room surveillance. TKH Security Solutions has its corporate headquarters in the Netherlands, with a central branch office in the United States. We have sales and support offices in the United States, Europe, the United Arab Emirates, Singapore and China. This regional presence enables us to take into account local regulations and demands, and offer you tailor-made solutions.

## Reputation

You deserve a supplier committed to delivering reliable, high-quality equipment for a realistic price. Our products are suited for 24/7 operation in challenging environmental conditions. We are ISO 14001:2004 and ISO 9001:2008 certified and dedicated to the ongoing improvement of our solutions, applying the highest level of quality monitoring to increase customer satisfaction. From the very beginning our expert sales and technical support engineers work with you to design a customised solution. They help you reap the benefits of the most advanced technologies while taking advantage of your existing network and equipment.

## Tailor-made solutions

Siqura's product portfolio includes video encoders, IP cameras, Video over Fiber equipment, Ethernet switches, media converters and video management software. Siqura's sister companies in the TKH Security Solutions group complement this portfolio with a wide variety of security products. This versatility allows us to develop tailor-made surveillance solutions that do exactly what you need.





# Surveillance cameras: a clear view on digital security

If safety comes first, you need a video surveillance system of the highest standards and toughest specifications. Siquira offers an extensive range of surveillance cameras suited for all environments, purposes and lighting conditions.

## Safety first

A fire in the subway, a prison riot, a traffic jam, problems in a nuclear installation, a petrochemical process gone wrong. These are just a few examples of emergencies that can be dealt with through reliable video surveillance. What video surveillance boils down to is visual monitoring: it is a way of 'being there', of seeing and hearing what is going on. Based on that information you decide on your next move. However, that move is only as good as your equipment. If your response is to be adequate, you have to be sure that the images you see correspond directly to what is happening out there. Siquira's surveillance cameras give you that peace of mind: with their unparalleled image quality and intelligent monitoring features you are ready for anything.

## IP cameras

Video surveillance isn't always as straightforward as it seems. Visibility issues are only too common, as ambient light may vary from bright sunshine during the day to utter darkness at night. Changing weather conditions pose another risk to the performance of your equipment: summer brings intense heat, while temperatures may drop well below freezing in winter.

Siquira's surveillance cameras deliver full-HD video with a large depth of field and a wide dynamic range (WDR), resulting in excellent image quality no matter how poor the light. Looking for extra sturdiness? Along with a number of vandal-resistant models, Siquira offers various pressurised and explosion-proof cameras designed for the toughest environments.

Our cameras come in all shapes and sizes. Whether it is a box, bullet, fixed dome, compact dome or PTZ dome camera you are looking for, we have the model that fits your needs. Moreover, our cameras are very easy to install. Simply mount them to a wall, ceiling or pole, configure them through the web API and you are ready to start streaming over your current UTP, fiber or coax infrastructure.

Siquira's surveillance cameras offer a hybrid solution; the cameras are equipped with an analogue output as well as an RJ45 or SFP interface, to support in the migration to IP process.

## Multistream and multicodec

Wouldn't it be nice if you could use your surveillance equipment exactly the way you want? With Siquira that is possible.

Our cameras can be used simultaneously by multiple users (operators and police), for multiple purposes (24/7 and event-related) and with multiple devices (VCA and live viewing).

The secret lies in our multicodec and multistreaming support:

- H.264, ideal for live viewing (1080p@30 fps) or storage;
- MPEG-2, ideal for installed base (D1@30 fps);
- MJPEG or MPEG-4, ideal for web applications (CIF@5 fps) or storage.

## Open standards

In many respects, the IT industry is about as transparent as the secret service. Web access, management software, streaming protocols and time synchronisation technologies are all tied to proprietary standards. This prompted Siquira to advocate the use of open industry standards. All our cameras support ONVIF (see text box) and Siquira's Open Streaming Architecture (OSA) programming interface.



Siquira surveillance cameras are suited for all environments, purposes and lighting conditions.

## Open Network Video Interface Forum (ONVIF)



Siquira is a member of ONVIF, an open industry forum promoting and developing global standards for interfaces of IP-based physical security products.

Siquira's video surveillance cameras are fully compliant with ONVIF Profile S. This profile addresses common functionalities between devices in an IP video system, including:

- core services (device discovery, management & event framework);
- media and streaming services;
- device I/O and PTZ services;
- imaging services.

With open standards you are certain to get the most out of your investments:

- no need for additional hardware and software such as proxy servers, gateways and protocol translators;
- fast, simple and carefree integration with third-party software (VMS, SNR, SCADA, etc.);
- OS independent (Linux, Windows);
- no special drivers or software development kits needed.

## Pressurised cameras

In harsh environments with high levels of moisture, dirt and/or sand in the air, a pressurised housing can be used to keep the outside out. These housings are pressurised up to 7 psi (a pressure which can be maintained for up to one year) and are fully protected against dust and immersible in up to one meter of water for 30 minutes without leaking (IP67). They are certified for 300 hours of salt water spray testing. All pressurised cameras can be fitted with our standard accessories.

## Explosion-proof cameras

An explosion-proof camera may not withstand an explosion, but it certainly won't cause one—a quality that is especially valuable in environments where the smallest spark can lead to disaster. Siquira's explosion-proof cameras are cut out for taxing locations such as offshore platforms, where corrosion is a constant threat. Here are some core features:

- housing made of type 316 stainless steel;
- ATEX, II 2 G/D, Exd IIB T5 T100 °C-certified;
- IP67 ingress protection rating;
- zone 1/21 (occasional occurrence of flammable gas, vapour, mist or combustible dust);
- zone 2/22 (occasional occurrence of flammable gas, vapour, mist or combustible dust for short periods of time);
- certified operating temperature from -20 °C to +40 °C (-4 °F to +104 °F);
- maintenance-free (3 years) coating on the camera bubble.

## Accessories

Our cameras come with a huge selection of accessories, allowing you to use them exactly where and how you want. Once installed, there is no need to realign your cameras.

'A clear view on  
digital **siquira**'

# Features

Our cameras make the most of your surveillance system. They are packed with features and functions that improve performance and optimise system use.



Image Quality Monitor

## Image Quality Monitor

This feature monitors all aspects related to the quality of your video streams, including focus, exposure and contrast.



Tamper Detection

## Tamper Detection

Tamper Detection monitors the position and field of view of the camera. 'Blocked' scenes are reported automatically.

## Embedded video analytics

A network camera provides you with an extra set of eyes. But sometimes you simply need more. Siquira recently introduced a camera with embedded analytics for Perimeter Intrusion Detection (PID). This powerful piece of analytics sends out an alert whenever an object crosses a detection line or enters a detection zone. It is optimised for intrusion detection in sterile zones and drastically reduces the number of wrongful detections ('nuisance alarms' or 'false positives'). We also deliver a surveillance camera with Automated Incident Detection (AID) embedded in the device. This camera is specifically designed for road and tunnel applications.



## Infrared

Our cameras get you crystal clear footage in all low-light situations. No light? No problem. We have various cameras and camera housings with infrared (IR) illuminators.



Siquira pressurised and explosion-proof cameras are cut out for taxing locations.

## Privacy masks

Privacy masks allow the masking of sensitive areas within the camera's field of view. The mask covers a preset area, keeping private what is meant to stay private. Siquira's PTZ dome cameras boast 3D privacy masking: when they pan or zoom, the mask automatically moves or changes size to cover the sensitive area.

## Focus Assist

With Focus Assist, focusing a lens was never this easy. With the Focus Assist enabled, an on-screen bar shows you exactly when the lens is in focus. Don't have a monitor around to watch the video? That's no problem, as a LED indicator on the back of the camera housing will turn green when the lens is in focus.

## Small Form-factor Pluggable (SFP)

SFP offers a variety of connection options. Cat 5, fiber or coax—the choice is yours. Most of our surveillance cameras are available with an SFP slot. They support:

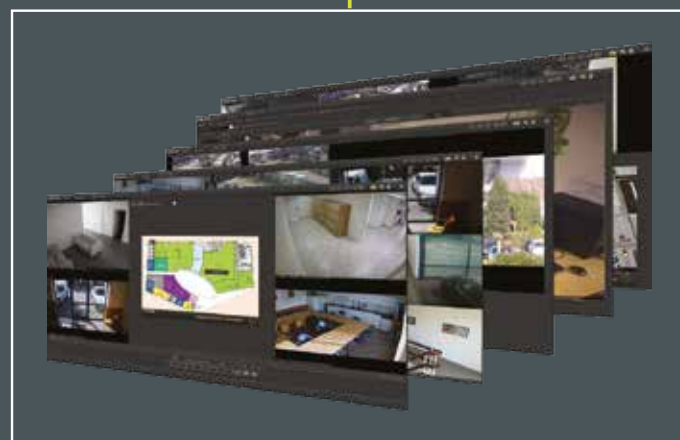
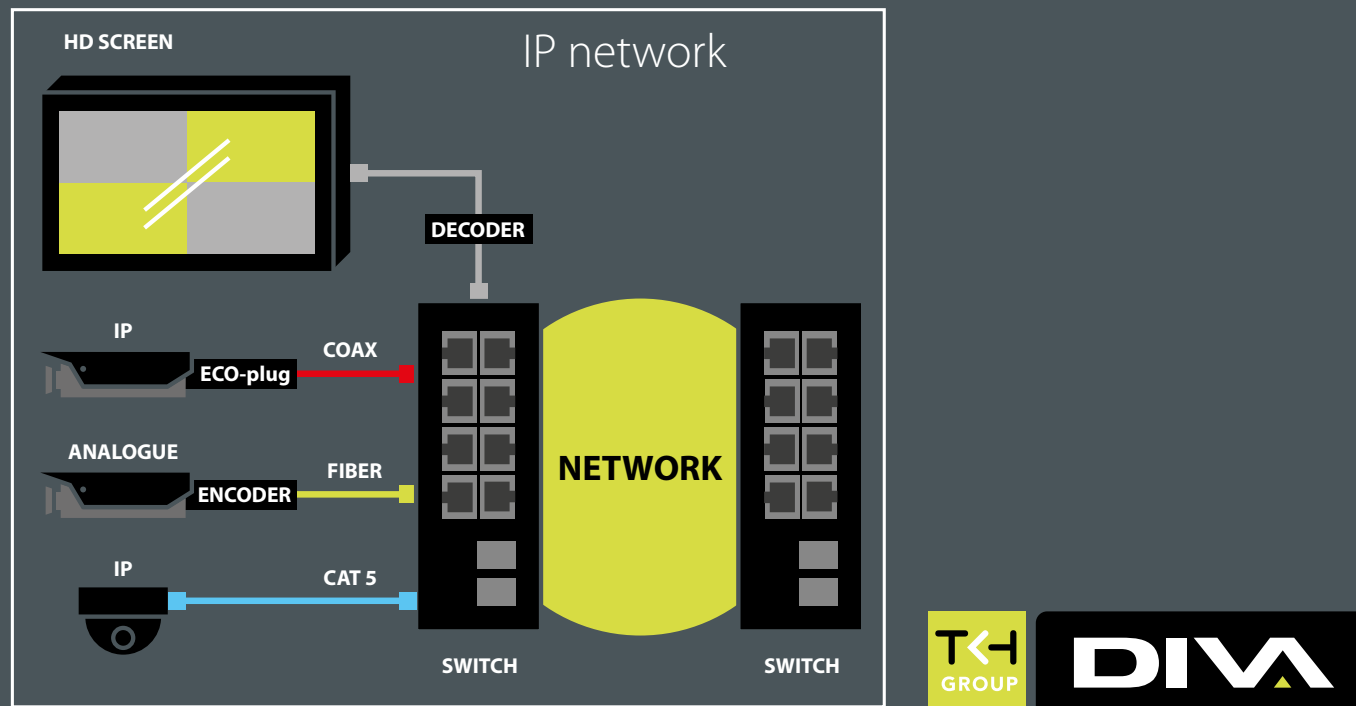
- fiber SFP (single-mode, multimode, 500 m up to 120 km);
- ECO-plug™ (Siquira's unique Ethernet-over-coax solution in an SFP housing);
- Cat 5/6 (standard TP wiring for Ethernet).





# DIVA: full control over your surveillance system

Security isn't just a matter of buying the right hardware. It is about using that hardware to its full potential. But how to make the most of what you have? DIVA is a state-of-the-art video management system (VMS) that consolidates your surveillance equipment into a single seamless solution, giving you the tools you need to act quickly and efficiently.



## Integrated intelligence

The control room can be a very stressful environment. Fortunately, DIVA helps you keep a cool head. This intelligent video management system uses algorithms to continuously analyse camera images for unusual occurrences and alert you within seconds of the type of incident and its location. DIVA's video content analysis (VCA) capabilities range from perimeter intrusion detection (PID) to face, object and license plate recognition.

## Quick as a flash

However, DIVA does much more than just sending out alerts. Its powerful macro engine automatically initiates a sequence of predefined actions whenever a critical event is detected. A traffic accident, for example, can trigger a camera zoom, while an object entering a detection zone may immediately set off a recording and cause a surveillance stream to be maximised to full screen. This way, DIVA lets you focus on what matters most. So you get it right. Every single time.

## Customise your interface

No two surveillance situations are alike. So why limit yourself to a few predefined settings? DIVA gives you greater control over your surveillance system than any other VMS. Want to add live or playback video to your home screen? Floor plans? Text labels? Event handling panels? Simply select, arrange and rearrange any number of elements and actions to create a fully personalised user interface that fits your needs.

## For all sizes

DIVA is designed for installations of all sizes, from a single server to distributed multiserver solutions with failover protection, video walls, analytics and integrations. There is no limit to the number of edge devices DIVA is able to manage. With the click of a button, you can scale from just a few streams to hundreds of streams in different formats coming from a mix of devices.

## Tired of vendor lock-in?

DIVA offers full integration with third-party systems and analogue video matrix switchers, granting you the freedom to gradually migrate to an IP-only installation. Would you like to see what DIVA can do for you? Register at [www.divasecurity.com](http://www.divasecurity.com) for a free DIVA Server Start License.



Dutch Design

## Features

### Recording

Store your video and audio streams in a wide range of formats, including MJPEG, MPEG-2, MPEG-4, H.263, H.264, PCM, G.711, G.722, GSM-AMR and AAC.

### Real-time server statistics

Get a live overview of your system performance.

### Failover

If needed, a hot standby server takes over in less than 90 seconds.

### Web client & mobile app

Manage your surveillance system on the go.

### Multicasting & dual-streaming

Combine multicasting and dual-streaming for the lowest possible network load.

### Device support

DIVA supports cameras, codecs, I/O modules, PTZ, NTCIP and other protocols.

### Personalised interface

Customise the layout to suit the needs of a particular user or user group.

### Event-driven

Use macros (rule sets) for more efficiency and better usability.

### Multilingual

DIVA supports more than 15 different languages.



*Project  
reference* | Port of Bangkok,  
Thailand

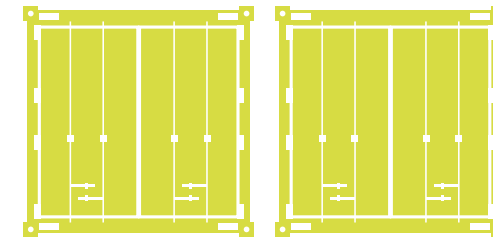




Project  
reference

# Port of Bangkok, Thailand

Over a million cargo containers go through the bustling port of Bangkok each year. The Port Authority of Thailand decided to increase its productivity and efficiency while keeping a lean operating cost by streamlining its video surveillance system.



Over a million cargo  
containers per year

3.8

square kilometre area



100s



of cameras

15,000,000 tons of cargo  
each year

#### Customer

Port Authority of Thailand  
(Thailand)

#### Systems integrator

Western Integration Co. Ltd.

#### Distributor

Patararungroj Ltd.

#### Technology

IP-based video network

#### Market

Critical infrastructure

#### Challenge

Design and deploy a video  
surveillance system capable of  
automating the container  
scanning process in a big port

#### Solution

Siqura's IP PTZ dome cameras  
and fixed IP cameras

#### The challenge

For years, containers passing through the port had to be scanned and registered manually. This included verifying the containers' contents, clearing them for customs and classifying and sorting the freight for import or export. Since these scans took nearly a minute per container, the road leading to the port was often backed up with traffic.

With increasing delays as the port expanded its economic and strategic significance, the Port Authority of Thailand commissioned local systems integrator Western Integration with the job of upgrading the existing network system and automating the container scanning process.

#### The solution

Together, Western Integration, distributor Patararungroj and Siqura deployed a network that uses an automated content analysis program and a number recognition program to identify and catalogue the containers. This new system cuts the time from 50 seconds per container down to 15.

At the network's edge are hundreds of Siqura IP PTZ dome cameras. These robust audio-enabled cameras register, encode and transmit video material to a central control room, where operators keep an overview of the security situation and take action when necessary. The automated container identification process is facilitated by the cameras' built-in analytics software.

The port of Bangkok's main office was also equipped with a new CCTV surveillance system. The images of nearly a hundred Siqura fixed IP cameras are now streamed to the central control room, ensuring that security personnel can effectively protect employees and property.

*Project  
reference* | The Avenues Shopping Mall,  
Kuwait





Project  
reference

# The Avenues Shopping Mall, Kuwait

Combining ultramodern architecture with an atmosphere inspired by the Champs-Élysées and New York's Soho district, The Avenues in Kuwait easily ranks as one of the world's biggest and most spectacular shopping malls. Franchise operator Alshaya decided to bring the surveillance system of its stores up to par with these lavish surroundings by migrating to a scalable IP-only solution.



#### Customer

M.H. Alshaya Co. (Kuwait)

#### Systems integrator

Delite Engineering

#### Technology

IP-based video network

#### Market

Retail

#### Challenge

Setting up a scalable and user-friendly video surveillance system for one of the world's biggest shopping malls

#### Solution

Siquira's IP PTZ dome cameras, fixed IP cameras, storage servers and video management software

#### The challenge

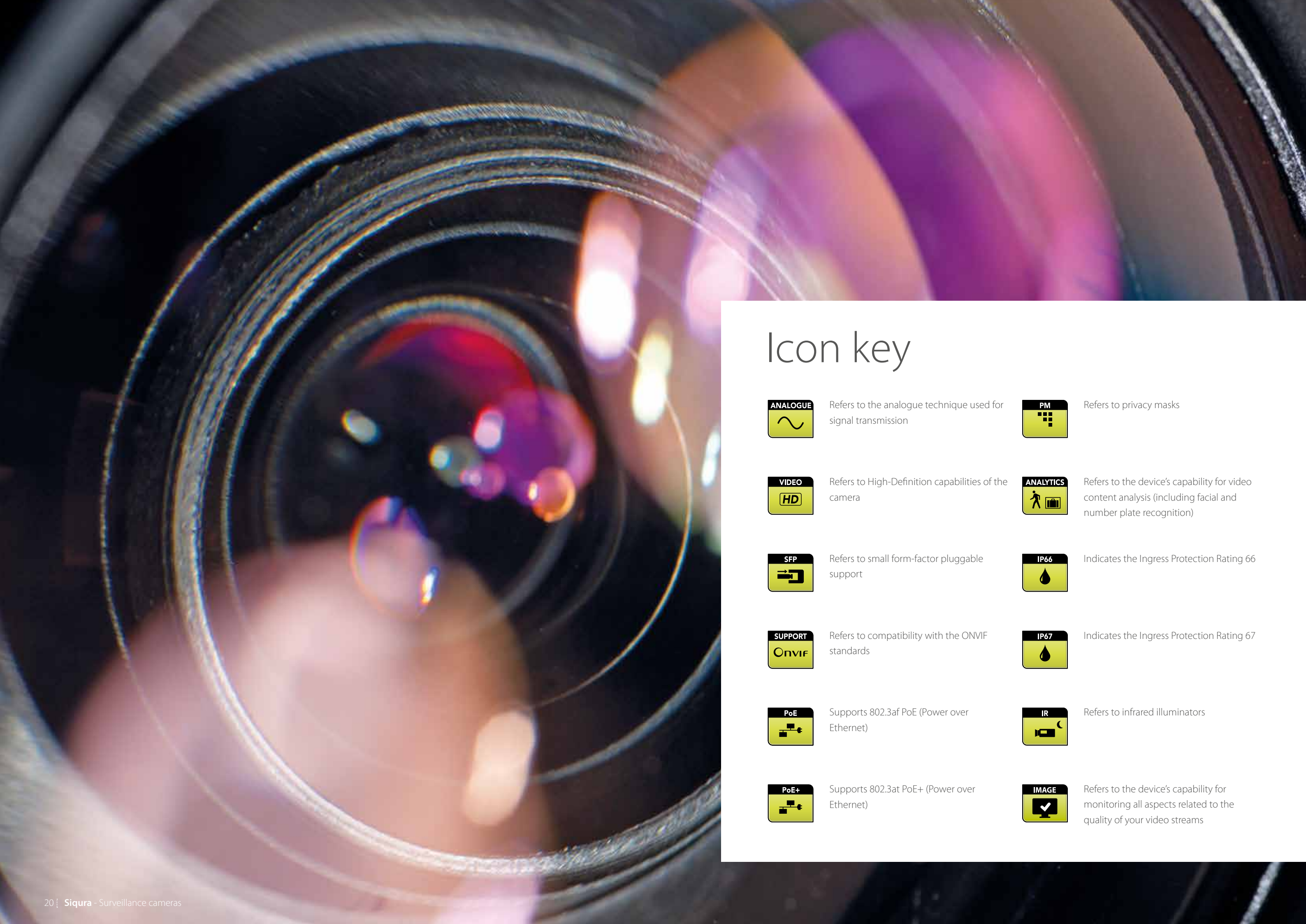
As The Avenues continued to expand, Alshaya found it increasingly difficult to keep a firm grip on its analogue CCTV system. Some of its stores worked with standalone DVR's, while others used fiber-optic multiplexers and demultiplexers to transmit video streams to a central control room. Sifting the footage for recorded events also proved problematic. Siquira was called in to implement a scalable IP-based video surveillance system that would offer better image quality and greater ease of use.

#### The solution

Together with local systems integrator Delite Engineering, Siquira decided to equip 35 stores with a total of 200 fixed-dome and box cameras, 50 PTZ dome cameras, 6 storage servers and 8 workstations. Siquira's high-definition fixed-dome cameras with integrated infrared illuminators were installed to deliver clear footage even when the lights are off at night.

Thanks to DIVA, usability has been greatly enhanced. This intelligent video management system (VMS) lets operators create a fully personalised user interface that helps them work faster and more efficiently. All streams are now monitored in Alshaya's central control room, where recorded events can be traced in a matter of seconds.

After the project was completed, Siquira and Delite rolled out a similar surveillance solution at Alshaya's corporate headquarters in Kuwait and its central warehouse in Dubai.



## Icon key



Refers to the analogue technique used for signal transmission



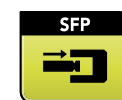
Refers to privacy masks



Refers to High-Definition capabilities of the camera



Refers to the device's capability for video content analysis (including facial and number plate recognition)



Refers to small form-factor pluggable support



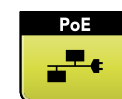
Indicates the Ingress Protection Rating 66



Refers to compatibility with the ONVIF standards



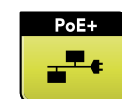
Indicates the Ingress Protection Rating 67



Supports 802.3af PoE (Power over Ethernet)



Refers to infrared illuminators



Supports 802.3at PoE+ (Power over Ethernet)



Refers to the device's capability for monitoring all aspects related to the quality of your video streams



# Siqura fixed cameras

## Box camera

The most commonly sold and accepted camera shape

- Preventive: shows what it is looking at
- Variety of lenses available to suit your needs
- Available with built-in analytics (AID, PID)

## Fixed dome camera

Camera, housing and varifocal lens in one product

- Protective: not easy to see what it is looking at
- Available with built-in IR lighting

## Compact dome camera

Similar quality in a sleek and compact design

- Available with two different lenses
- Suitable for indoor and outdoor applications

## Bullet camera

All-in-one solution in a robust and stylish housing

- Includes built-in IR lighting
- Suitable for indoor and outdoor applications

## Mounting options

Flexibility through numerous mounting options

- Mount on pole, ceiling, wall or corner
- Easy installation



No two surveillance situations are alike. That is why Siqura's fixed IP cameras come in four different flavours with a wide variety of lenses and mounting options to choose from. What they have in common is their superb image quality: all models (except the BC620) get you crystal clear full-HD video at a resolution of 1080p, allowing you to spot the tiniest details even in low-light situations. For the best performance, image enhancement features such as wide dynamic range (WDR), backlight compensation (BLC) and 3D noise reduction (3DNR) are available. Our cameras with infrared (IR) illuminators are the perfect solution for situations without ambient light.

The flexibility we aim for also applies to our multistream and multicodec approach. Users at different locations can use different video formats for different purposes, such as H.264 for live viewing and MJPEG or MPEG-4 for event recording. Installation is made easy with Siqura's MFM-2, a handheld monitor that helps you fine-tune the lenses of your cameras. Additional settings can be configured through a dedicated webpage.

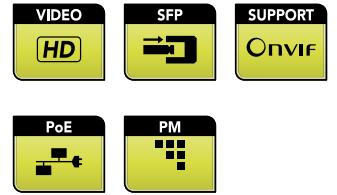
## BC820

## Full HD box camera

## Indoor



- 1/2.7" Progressive scan CMOS imager
- Full HD 1080p resolution
- Quad-stream H.264 and MJPEG video
- Day/night with IR-cut filter
- Two-way audio
- Contact closures (alarms): 1 input, 1 output
- 24 Vac / 12 Vdc; 802.3af PoE (BC820 model)
- SFP Interface (BC820-SFP model)
- ONVIF Profile S conformant



Available options:  
-SFP: with SFP connector

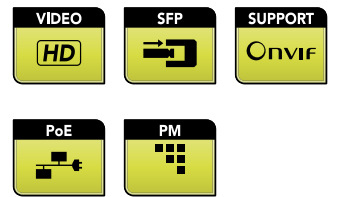
## BC820H1

## Full HD box camera with integrated optics

## Indoor



- 1/2.7" Progressive scan CMOS imager
- 18x Optical zoom / 8x digital zoom
- Full HD 1080p resolution
- Quad-stream H.264 and MJPEG video
- Day/night with IR-cut filter
- Two-way audio
- Contact closures (alarms): 1 input, 1 output
- 24 Vac / 12 Vdc; 802.3af PoE (BC820H1 model)
- SFP Interface (BC820H1-SFP model)
- ONVIF Profile S conformant



Available options:  
-SFP: with SFP connector

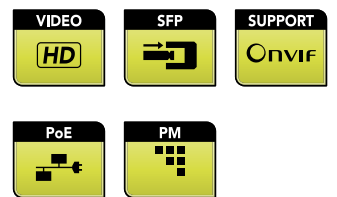
## BC820MP5

## 5 Megapixel box camera

## Indoor



- 1/2.5" Progressive scan CMOS imager
- Full HD 5 megapixel resolution
- Quad-stream H.264 and MJPEG video
- Day/night with IR-cut filter
- Two-way audio
- Contact closures (alarms): 1 input, 1 output
- 24 Vac / 12 Vdc; 802.3af PoE
- ONVIF Profile S conformant



Available options:  
-SFP: with SFP connector

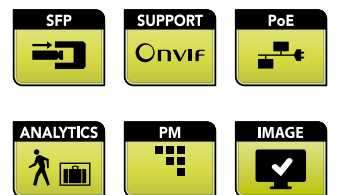
## BC620WDR

## Super WDR box camera

## Indoor



- 1/3" Pixim DPS® Seawolf imager
- Super wide dynamic range
- Quad-stream support for dual H.264, MPEG-2, MPEG-4, MJPEG
- Embedded video analytics (-AID and -PID models)
- Day/night with IR-cut filter
- Focus assist
- Contact closures (alarms): 2 inputs, 2 outputs
- 24 Vac, 12 Vdc / 24 Vdc; 802.3af PoE (BC620WDR model)
- SFP Interface (BC620WDR /SFP model)
- ONVIF Profile S conformant



Available options:  
/SFP: with SFP connector  
-AID: with Automatic Incident Detection  
-PID: with Perimeter Intrusion Detection  
-AID /SFP  
-PID /SFP



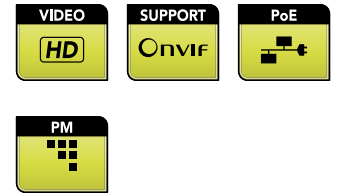
### IFD820



### Full HD fixed dome camera

### Outdoor

- 1/2.7" Progressive scan CMOS imager
- 3.0-9.0 mm Varifocal lens
- Full HD 1080p resolution
- Quad-stream H.264 and MJPEG video
- Day/night with IR-cut filter
- Built-in IR illuminator (effective distance: 25 m)
- Two-way audio
- Contact closures (alarms): 1 input, 1 output
- 24 Vac / 12 Vdc / 802.3af PoE
- ONVIF Profile S conformant



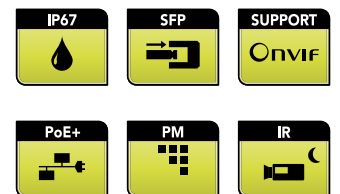
### BL820



### Full HD bullet camera with IR

### Outdoor

- 1/2.7" Progressive scan CMOS imager
- 3.0-9.0 mm Motorised varifocal lens
- Full HD 1080p resolution
- Quad-stream H.264 and MJPEG video
- Day/night with IR-cut filter
- Built-in IR illuminator (effective distance: 25 m)
- Sunshield and cable management
- IP67 Ingress protection rating
- 24 Vac / 24 Vdc / 802.3at PoE+
- ONVIF Profile S conformant



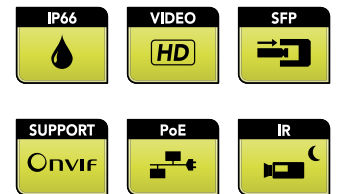
### FD820



### Full HD fixed dome camera (with IR)

### Outdoor

- 1/2.7" Progressive scan CMOS imager
- 3.0-9.0 mm Motorised varifocal lens
- Full HD 1080p resolution
- Quad-stream H.264 and MJPEG video
- Day/night with IR-cut filter
- Optional IR illuminator (effective distance: 25m)
- IP66 Ingress protection rating
- 24 Vac / 12 Vdc / 802.3af PoE
- SFP Interface (FD820M1-SFP and FD820M1IR-SFP models)
- ONVIF Profile S conformant



Available options:  
 FD820M1  
 FD820M1IR (with illuminator)  
 -SFP: with SFP connector

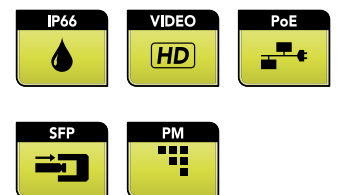
### CD820



### Full HD compact fixed dome camera

### Outdoor

- 1/2.7" Progressive scan CMOS imager
- 4.0 mm Fixed lens (F1 model) / 2.8 mm fixed lens (F2 model)
- Full HD 1080p resolution
- Quad-stream H.264 and MJPEG video
- Compact surface mount design
- Ruggedised construction
- Audio: microphone input
- IP66 Ingress protection rating
- 12 Vdc / 802.3af PoE
- ONVIF Profile S conformant



Available options:  
 CD820F1 (4 mm fixed lens)  
 CD820F2 (2.8 mm fixed lens)



# Siqura PTZ dome cameras

## Fast and accurate

Point the camera in any direction

- High-speed pan/tilt/zoom actions
- Precise and accurate preset positions

## Smart

Helps operators make swift and sound decisions

- Video motion detection
- Crisp and clear images day and night

## Respect privacy laws

Enables effective surveillance while respecting privacy laws

- Available with solid and mosaic masks
- 3D masks block objects even when zooming in and out

## Interoperable

Supports VMS integration and remote configuration

- Web interface
- Open Streaming Architecture (OSA API)
- ONVIF Profile S



If it is ultimate control you want, look no further. Siqura's PTZ dome cameras have it all: high-speed pan/tilt/zoom actions, 360-degree continuous rotation, excellent image quality and intuitive controls (with optional joystick). Preset tours let the camera move between various fixed positions, allowing you to monitor large surveillance areas without having to use your hands. Settings can be configured through a dedicated web page.

Siqura firmly believes in vendor-independent interoperability and standardisation. We use DIVA, a state-of-the-art video management system (VMS), but our solutions also work seamlessly with third-party software of your choosing. Moreover, switching to our feature-rich IP cameras doesn't mean you have to replace your current network infrastructure. Any medium will do. Siqura's unique ECO-plug™ even lets you stream full-HD video over your existing coaxial cable.

## MSD620



## Mini PTZ dome camera

Indoor

- 1/4" EXview CCD imager
- 12x Optical zoom / 12x digital zoom
- Quad-stream support for dual H.264, MPEG-2, MPEG-4, MJPEG
- 300°/s Preset targeting
- 360° Continuous rotation
- 256 Presets / 8 programmable cruises
- 16 Privacy masks
- Image Quality Monitor and Tamper Detection
- RJ-45 and SFP interface
- ONVIF Profile S conformant



Available options:  
/P: PAL  
/N: NTSC

## HSD620



## High-speed PTZ dome camera

Indoor

- 1/4" EXview CCD imager
- 26x Optical zoom / 12x digital zoom
- Quad-stream support for dual H.264, MPEG-2, MPEG-4, MJPEG
- 400°/s Preset targeting
- 360° Continuous rotation
- 256 Presets / 8 programmable cruises
- 16 Privacy masks
- Image Quality Monitor and Tamper Detection
- RJ-45 and SFP interface
- ONVIF Profile S conformant



Available options:  
/P: PAL  
/N: NTSC

## HSD820H2-I



## Full HD high-speed PTZ dome camera

Indoor

- 1/2.8" Progressive scan CMOS imager
- 20x Optical zoom / 8x digital zoom
- Full HD 1080p resolution
- Quad-stream H.264 and MJPEG video
- 400°/s Preset targeting
- 360° Continuous rotation
- 256 Presets / 8 programmable cruises
- 16 Privacy masks
- RJ-45 and SFP interface
- ONVIF Profile S conformant





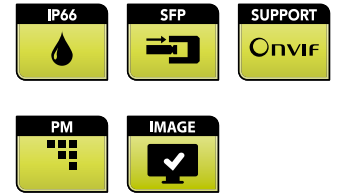
### MSD622



### Mini PTZ dome camera

Outdoor

- 1/4" EXview CCD imager
- 12x Optical zoom / 12x digital zoom
- Quad-stream support for dual H.264, MPEG-2, MPEG-4, MJPEG
- 300°/s Preset targeting
- 360° Continuous rotation
- 256 Presets / 8 programmable cruises
- 16 Privacy masks
- Image Quality Monitor and Tamper Detection
- RJ-45 and SFP interface
- ONVIF Profile S conformant



Available options:  
/P: PAL  
/N: NTSC

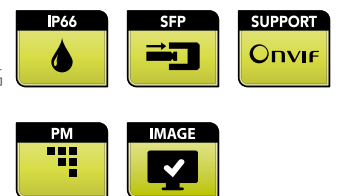
### HSD622



### High-speed PTZ dome camera

Outdoor

- 1/4" EXview CCD imager
- 26x Optical zoom / 12x digital zoom
- Quad-stream support for dual H.264, MPEG-2, MPEG-4, MJPEG
- 400°/s Preset targeting
- 360° Continuous rotation
- 256 Presets / 8 programmable cruises
- 16 Privacy masks
- Image Quality Monitor and Tamper Detection
- RJ-45 and SFP interface
- ONVIF Profile S conformant



Available options:  
/P: PAL  
/N: NTSC

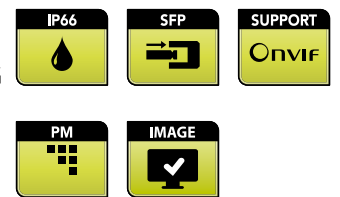
### HSD626



### High-speed PTZ dome camera

Outdoor

- 1/4" EXview CCD imager
- 35x Optical zoom / 12x digital zoom
- Quad-stream support for dual H.264, MPEG-2, MPEG-4, MJPEG
- 400°/s Preset targeting
- 360° Continuous rotation
- 256 Presets / 8 programmable cruises
- NEMA TS 2-certified
- Temperature range -45°C – +60°C, 75°C maximum
- Image Quality Monitor and Tamper Detection
- RJ-45 and SFP interface
- ONVIF Profile S conformant



Available options:  
/P: PAL  
/N: NTSC

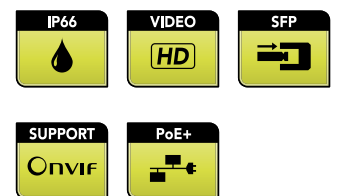
### HSD820H2-E



### Full HD high-speed PTZ dome camera

Outdoor

- 1/2.8" Progressive scan CMOS imager
- 20x Optical zoom / 8x digital zoom
- Full HD 1080p resolution
- Quad-stream H.264 and MJPEG video
- 400°/s Preset targeting
- 360° Continuous rotation
- 256 Presets / 8 programmable cruises
- 16 Privacy masks
- RJ-45 and SFP interface
- ONVIF Profile S conformant





# Siqura specialised cameras

## Pressurised cameras

Designed for severe environments with high levels of moisture, dirt and pollution

- Designed to withstand intense solar heat
- Pressurised to 7 psi

## Explosion-proof cameras

Designed for extremely harsh environments including offshore platforms, where corrosion is a constant threat

- ATEX-approved for gas and dust
- ATEX, II 2 G/D, Exd IIB T5 T100 °C-certified
- Zone 1/21 and 2/22
- Built from 316 stainless steel

## Features

Comes with the same extensive set of features as Siqura's other surveillance cameras, including:

- Remote configuration
- ONVIF Profile S and Open Streaming Architecture (OSA) API
- Multistreaming, multicodec
- Image enhancement through WDR, BLC, 3DNR
- Privacy masks



Siqura's specialised cameras are designed to cope with the most challenging conditions. Take our pressurised cameras. Through their pressurised dome housing, these cameras ensure airtight protection against excessive moisture, dirt and pollution. This makes them the perfect solution for critical infrastructure facilities such as seaports and highway tunnels, where corrosive elements in the atmosphere could easily impede the performance of a surveillance system and cause unnecessary risks to safety and security. Siqura's pressurised PTZ dome cameras have an IP67 ingress protection rating. Their housing is constructed of materials designed to withstand intense levels of solar heat (945VA UV-protected). Pressurising the housing, particularly with inert nitrogen gas, prevents moisture, pollution and dust from damaging the camera.

Siqura's ATEX-certified explosion-proof cameras are resilient assemblages that have proven popular with the chemical and petrochemical industry. The housing of these cameras, which also have an IP67 ingress protection rating, is constructed of 316 stainless steel. That means they are able to withstand corrosion in offshore installations.

## HSD621PRH



## High-speed PTZ dome camera

## Pressurised

- 1/4" EXview CCD imager
- 35x Optical zoom / 12x digital zoom
- Quad-stream support for dual H.264, MPEG-2, MPEG-4, MJPEG
- 400°/s Preset targeting
- Compass, azimuth and elevation OSD
- Pressurised to 7 psi, holds pressure for up to 1 year
- Low-pressure sensor, Schrader and pressure relief valves standard
- NEMA TS 2-certified
- IP67 Ingress protection rating
- ONVIF Profile S conformant



Available options:  
/P: PAL  
/N: NTSC

## HSD820H2PRH



## Full HD high-speed PTZ dome camera

## Pressurised

- 1/2.8" Progressive scan CMOS imager
- 20x Optical zoom / 8x digital zoom
- Full HD 1080p resolution
- Dual stream H.264/H.264 or H.264/MJPEG
- 400°/s Preset targeting
- Compass, azimuth and elevation OSD
- 256 Presets / 8 programmable cruises
- Pressurised to 7psi, holds pressure for up to 1 year
- Low-pressure sensor, Schrader and pressure relief valves standard
- IP67 Ingress protection
- ONVIF Profile S conformant



Available options:  
/P: PAL  
/N: NTSC

## HD11APRH



## Analogue high-speed PTZ dome camera

## Pressurised

- 1/4" EXview CCD imager
- 35x Optical zoom / 12x digital zoom
- Day/night with IR-cut filter
- 400°/s Preset targeting
- 256 Presets / 8 programmable cruises
- Compass, azimuth and elevation OSD
- Pressurised to 7 psi, holds pressure for up to 1 year
- Low-pressure sensor, Schrader and pressure relief valves standard
- IP67 Ingress protection rating
- 24 Vac



Available options:  
/P: PAL  
/N: NTSC

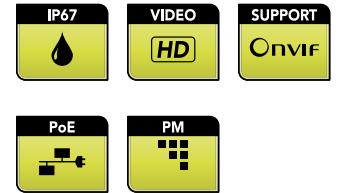


### BC820EXP



### Full HD box camera with integrated optics Explosion-proof

- 1/2.7" Progressive scan CMOS imager
- 18x Optical zoom / 8x digital zoom
- Full HD 1080p resolution
- Quad-stream H.264 and MJPEG video
- Day/night with IR-cut filter
- 5 Privacy masks
- ATEX certified for gas and dust
- Extended temperature range
- IP67 Ingress protection rating
- ONVIF Profile S conformant



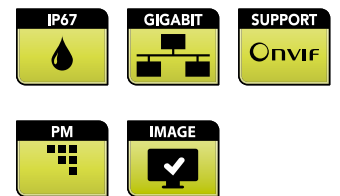
Available options:  
BC820EXP-230 (230 V)  
BC820EXP-PoE (PoE)

### HSD628EXP



### PTZ dome camera Explosion-proof

- 1/4" EXview CCD imager
- 36x Optical zoom / 12x digital zoom
- Quad-stream support for dual H.264, MPEG-2, MPEG-4, MJPEG
- 400°/s Preset targeting
- 360° Continuous rotation
- 256 Presets/8 programmable cruises
- ATEX certified for gas and dust
- IP67 Ingress protection rating
- RJ-45 and SFP interface
- ONVIF Profile S conformant



Available options:  
/P: PAL  
/N: NTSC

### HD18EXP



### Analogue PTZ dome camera Explosion-proof

- 1/4" EXview CCD imager
- 36x Optical zoom / 12x digital zoom
- 400°/s Preset targeting
- 360° Continuous rotation
- 256 Presets / 8 programmable cruises
- Day/night with IR-cut filter
- Electronic image stabilisation
- ATEX certified for gas and dust
- IP67 Ingress protection rating
- 24 Vac





'We're not  
a security  
company,  
we're a  
siqurity  
company'

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