

# WEBGATE

**HD-CCTV Products & Solutions**



Fast, accurate, and based on deep learning!

## Intelligent fever detection solution

Webgate's intelligent fever detection solution is created by combining ultra-high definition real images with deep learning algorithms. It is an optimized solution for fast and accurate quarantine and selection by detecting temperature in a non-contact manner.



### NEW Intelligent fever detection solution

Fever detection camera + DVR

Patent

### Deep learning-based intelligent temperature compensation technology

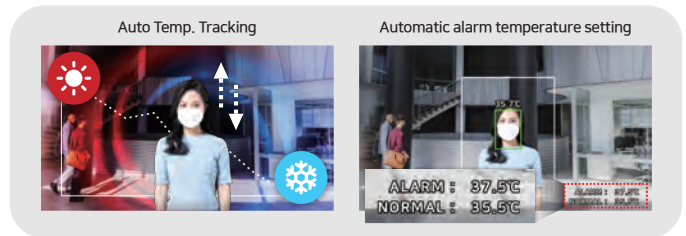
Korean Patent No. 10-2148638



- Temperature compensation technology
- Deep learning multi-face recognition
- MADE IN KOREA



[Demonstration video]



- Real-time learning of temperature data depending on the conditions of the surrounding environment
- Automatically set normal and overheating temperature
- Automatic exclusion of temperature alarms for subjects (coffee, etc.) regardless of human temperature

1st generation

Thermal image (black and white)

2nd generation

real image + thermal image (color)

3rd generation

high quality real image + deep learning

\* Since this product is not a medical device, disease diagnosis is not possible.

\* If fever is suspected, it is necessary to accurately measure body temperature through a medical device (thermometer) under the supervisor's control.

CCTV control and fire detection at the same time!

## CCTV Integrated Fire Detection Solution



Korean Patent No. 10-1709919 / No. 10-1731995

WEBGATE's flame detection camera enables rapid early extinguishing.

This camera equipped with WEBGATE's specialized video security technology and a flame detection sensor, which detects the flame's unique wavelength, accurately identifies the flame and sends an alarm.



### Flame detector

Detection method | sensor

**Advantages** | Accuracy  
Detection time (1 second)

**Disadvantages** | Sensitivity setting impossible  
Video monitoring impossible



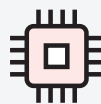
### VMS

Detection method | Video analysis

**Advantages** | Sensitivity setting possible  
video monitoring possible

**Disadvantages** | Low accuracy  
Long detection time (more than 10 seconds)  
Expensive

### WEBGATE flame detection camera



High-accuracy  
flame detection  
dedicated sensor



Fast detection time  
in 1 second



Installation  
in various environments  
with sensitivity setting



Full-HD  
High definition  
CCTV control



Competitive product  
Reasonable price



Able to connect  
with various kinds of equipment  
such as smoke detectors

No.1

# Integrated Video Security Solution WEBGATE



Product

## Video Security Equipment

DVR/NVR  
Camera  
Accessories  
Software



Solution

## Video security solution

PoC/CoC  
Fire detection  
Fever detection  
License plate identification  
High-speed recording  
Database DVR



New business

## Other businesses

ICBM-based business  
Intelligent CCTV  
based on deep learning  
Public procurement

WEBGATE protects the life and property of customers and contributes to a safe life

# Life Safety Provider

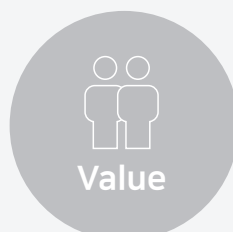
WEBGATE, established in 1997, specializes in integrated video security solutions, and has unrivaled technology accumulated over 20 years and professional personnel in the field of video storage.

In particular, we have the ability to design, develop and produce premium products for hardware, software and firmware. Thus, we directly develop, manufacture, and sell everything for video security solutions, from recorders and surveillance cameras to accessories and integrated control software.

In addition, we provide differentiated services that quickly respond to customer needs and issues, as we have a professional CS team and the capability to design and construct integrated control systems and information and communications work execution.



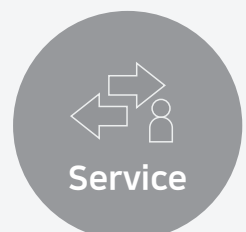
We try harder for



+



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# Network Solution

## NVR

- Receive and store images of up to 8 million pixels, monitor and search all channels simultaneously
- Auto IP support (PoE model) that automatically registers cameras simply by connecting a PoE port without any complicated network settings
- Supports the latest version of Onvif, an NVR standard protocol, allowing compatibility and interoperability with other IP cameras
- Compatibility verification completed through interlocking tests on more than 100 products from about 40 domestic and foreign companies



- UHD** UHN1600-H2-V2 / UHN3616P-H4 / UHN6400-H8 / UHN6400-H16S / UHN6400-H6R
- QHD** UHN404P-H1 / UHN808P-H1
- TTA Certification** UHN-NVR6400-TTA / UHN-NVR3600-TTA / UHN-NVR1600-TTA



## Network Camera

- Equipped with an ultra-sensitive SONY sensor to achieve bright and clear picture quality even in low-light environments at night (NK series)
- Reinforced stability with innovative reaction speed, minimum boot time, low heat generation, and low power requirements

### NK1080 Series

- SONY STARVIS 1/2.8", 2.1MP CMOS Sensor
- 2M **FHD**

### NT1080 Series

- 1/2.9", 2MP CMOS Sensor
- 2M **FHD**

### NT5000 Series

- 1/2.7", 5MP CMOS Sensor
- 5M **QHD**



# EX-SDI / HD-SDI Solution

## Universal DVR

- Supports various video formats from CVBS to 4K UHD as well as network cameras without any channel configuration restrictions
- No matter any site, any camera, one universal DVR is OK!



| Product Category | Supporting Format | Analog         |     |     | Digital                |                  |            | IP         |
|------------------|-------------------|----------------|-----|-----|------------------------|------------------|------------|------------|
|                  |                   | CVBS           | TVI | AHD | HD-SDI                 | EX-SDI 1.0 / 2.0 | EX-SDI 2.1 | EX-SDI TDM |
| Digital DVR      |                   |                |     |     | Digital HD / UHD / TDM |                  |            | IP         |
| Universal DVR    |                   | Analog SD / HD |     |     | Digital HD / UHD / TDM |                  |            | IP         |

**Universal** UHD1608F-U / UHD804F-U / UHD402F-U / UHD1604F-U

**Digital** HDC442F-D

## EX-SDI camera

### K4000 Series

- SONY STARVIS 1/2.8", 5MP CMOS Sensor
- 4M **QHD**

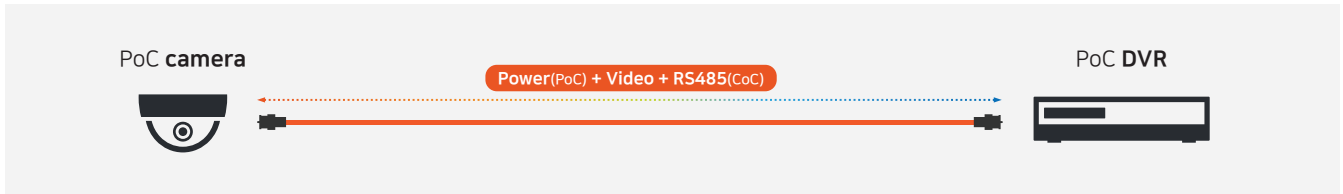
### K1080 Series

- SONY STARVIS 1/2.8", 2.1MP CMOS Sensor
- 2M **FHD**

# PoC PoC Solution

## PoC DVR

- PoC(Power over Coax) : Power is supplied to the camera from the DVR through a coaxial cable, so no additional electrical work is required.
- CoC(Control over Coax) : No need for separate RS485 line construction by transmitting the camera control signal from the DVR through the coaxial cable.




**4K output** UHD1608F-P / UHD804F-P / UHD402F-PL-V2

**4M output** HDC442F-PD




## PoC camera

### K4000P Series

 SONY STARVIS 1/2.8", 5MP CMOS Sensor

 **4M QHD**

### K1080P Series

 SONY STARVIS 1/2.8", 2.1MP CMOS Sensor

 **2M FHD**

# AHD / TVI Solution

## AHD / TVI DVR

- Easy integration by supporting various video standards of analog HD (AHD, TVI), CVBS, and network cameras
- Recycling the coaxial cable installed at the base site enables more practical and economical installation, reducing construction cost and time.
- With UTC support, control signals can be transmitted from the DVR to the camera through the coaxial cable.



### QAC Series

**QHD**

QAC1650F / QAC850F / QAC450F


### HAC Series

**FHD**

HAC1650F / HAC850F / HAC450F


## AHD / TVI camera

### KT4000 Series

 SONY STARVIS 1/2.8", 5MP CMOS Sensor

 **4M QHD**

### KT1080 Series

 SONY STARVIS 1/2.8", 2.1MP CMOS Sensor

 **2M FHD**

## All-in-one case CCTV Solution

- Simple appearance with built-in DVR, monitor, adapter and multi-tap
- Compact size allows installation in tight spaces such as narrow studios, villas, and shops
- Double locking device protects equipment and prevents theft
- Made of stainless steel, minimizing heat generation through upper and lower vents



## Accessories

### Repeater / Optical Converter



RP102P-48V



OPT-TX1-RS485P(-48V)  
OPT-RX1-RS485P



OPT-TX4-RS485P(-48V)



OPT-RX16-RS485C

### Network storage device



#### UHS04R

- WEBGATE DVR/NVR only
- Expandable--up to 256TB capacity
- RAID level 1/5/10
- IPFR (Intelligent Power Failure Recovery) function
- Hot swap support

## Software

### VMS \_Control Center

- Management of up to 1,024 DVRs / NVRs / IPCs through VMS
- Real-time monitoring of up to 128 channels through one PC
- Supports Viewset and eMAP (GIS Map) function
- Calendar / Timeline / Event / Text / Smart / Thumbnail search function supported
- Hardware decoding support for powerful monitoring performance

### HTML5 web viewer

- Supports simultaneously ActiveX and HTML5
- Monitoring and control through web browser without installing a separate plug-in (Active X)
- Supports various browsers such as Chrome, Safari, and Edge as well as Internet Explorer
- Provides DVR control functions such as full frame monitoring, PTZ operation, full frame playback, and backup



### Mobile Viewer \_WebEye

- Mobile application that enables efficient remote monitoring anytime, anywhere
- Supports both iOS and Android
- Live monitoring of 1/4/9/16 split screen
- Recorded video playback / digital zoom / audio / PTZ function support
- Push alarm function when an event occurs

### SDK \_WESP

- WESP SDK with great flexibility and interoperability

### Streaming Solution \_WinRDS

- Streaming server that provides DVR streams to multiple users

Protects the lives and property of customers, and contributes to a safe life

# Life Safety Provider

# WEBGATE

**WEBGATE** Inc.

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\* Product specifications in this brochure are subject to change without prior notice to improve performance and quality.

\* Please check our website for the latest product information. ([www.webgateinc.com](http://www.webgateinc.com))

 **YouTube**  
[youtube.com/webgate\\_cctv](https://youtube.com/webgate_cctv)