WEBGATE

HD-CCTV Products & Solutions

www.webgateinc.com

No.1 Integrated Video Security Solution

WEBGATE self develops, manufactures and promotes
integrated video security solution including Recorder, CCTV cameras, accessories and monitoring software.

NETWORK Solution p.02

NVR
IP Camera

EX-SDI / HD-SDI Solution p.06

DVR (2M / 4M)
Camera (2M / 4M)

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PoC DVR (2M / 4M)
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DVR (2M / 4M)
Camera (2M / 4M)

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Flame Detection Camera
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Repeater / Fiber Optic, TDM Converter
Video matrix
Network storage
Keyboard

Software p.22

VMS (Control Center)
Mobile App (WebEye)
HTML5 Webviewer
WESP SDK
WinRDS

NETWORK Solution

NVR

4K UHD

· 4K UHD video input/monitoring/recording
· From 2MP to 8MP camera input/recording
· 4K resolution output to monitor and remote devices

Auto IP / PoE

· Auto registration (Auto IP) and embedded PoE switch
· IPC auto connection through PoE port without complicated network setting

Excellent recording speed / High capacity HDD

· Max. 320Mbps recording bandwidth
· Support up to 12TB HDD and max. 256TB storage capacity

Compatibility

· Compatible with over 40 companies, 100 models around the world
· Free integration for unsupported cameras

Dual monitor / Diverse split screen mode

· Dual monitor for various screen configuration
· Diverse multi screen mode such as 2ch, 6ch, custom and etc.

Powerful customized VMS for free

· Max. 1024 units connection supports
· Hardware decoding for powerful monitoring performance

HTML5 Webviewer Industry-first

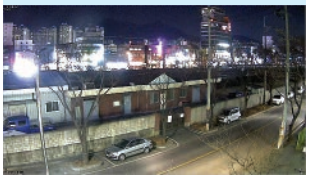
· Monitoring and control over web browser without installing plug-in (ActiveX)
· Support ActiveX and HTML5 simultaneously
· Remote access to NVR through various web browser (IE, Chrome, Safari, Microsoft Edge and etc.)

IP Camera

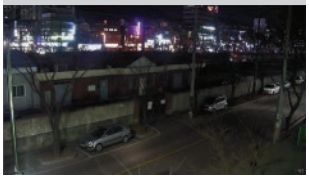
SONY STARVIS CMOS Sensor

· Superior low light performance
· High-sensitivity image sensor in dark

SONY STARVIS CMOS Sensor



General Sensor



Onvif Profile S

· Support standard protocol ONVIF Profile S, which makes it compatible with 3rd party's software and system

High level of WDR performance

· Advanced WDR(Wide Dynamic Range) realizes clear image in backlight condition

Higher performance SoC

· Higher performance ISP and Codec all in one
· Revolutionary response speed and minimized boot time
· Stabilized performance with low heat and low power

High speed boot up	Low heat	Low power
2 sec	Decrease 60%	2W
(Previous 60sec)	(Compare to previous model)	(Previous 5W)

Made in Korea

· Different league from low priced products
· Proven quality of Made in Korea and reasonable price

NETWORK Solution

NVR

Video input	Photo	Model	HDD SATA	Recording bandwidth	PoE	Etc.
4ch		**UHN404P-H1**	1	40Mbps	4ports	-
8ch		**UHN808P-H1**	1	80Mbps	8ports	-
16ch		**UHN1600-H2**	2	160Mbps	-	-
36ch		**UHN3616P-H4**	4	320Mbps	16ports	-
64ch		**UHN6400-H6R**	6	320Mbps	-	RAID
		UHN6400-H8	8	320Mbps	-	-
		UHN6400-H16S	16	320Mbps	-	Hotswap

IP Camera

Resolution	Sensor	Photo		Model	Lens	IR LED
2M FHD	SONY STARVIS 1/2.8", 2.1MP CMOS	Bullet		**NK1080BL-IR48**	2.7~12mm	48pcs
				NK1080BL-IR48-AF	AF, 2.7~12mm	
				NK1080BL-IR48-F3.6	3.6mm	48pcs
		Dome		**NK1080D-IR30**	2.8~12mm	30pcs
				NK1080D-IR30-AF	AF, 2.7~12mm	
				NK1080D-IR24-F3.6	3.6mm	24pcs
				NK1080D-F2.0	2.0mm	-
				NK1080D-F2.8	2.8mm	
				NK1080D-F3.6	3.6mm	
		Vandal		**NK1080VD-IR36**	2.8~12mm	36pcs
				NK1080VD-IR36-AF	AF, 2.7~12mm	
		Housing	(Long)	**NK1080H-IR100**	2.7~12mm	Super IR 6pcs
				NK1080H-IR100-AF	AF, 2.7~12mm	
				NK1080H-IR100-F3.6	3.6mm	
			(Short)	**NK1080H-IR100-F3.6S**	3.6mm	Super IR 6pcs
		Housing (LPR)	(Long)	**NK1080H-SIR12-F550-LPR**	5~50mm	Super IR 12pcs
		Slide Housing		**NK1080SH-F3.6**	3.6mm	-
		PTZ		**N1080PT-IR-Z30D**	4.5~135mm (x30)	6pcs
	Panasonic 1/3", 2.1MP CMOS			**N1080PT-Z20B**	4.7~94mm (x20)	-
				N1080PT-Z10B	5.1~51mm (x10)	-
				N1080PT-Z10BF (In-Ceiling)	5.1~51mm (x10)	-

IP Camera _180° Panoramic

180° Panoramic Camera

General Camera(2.8mm)

Resolution	Sensor	Photo		Model	Lens	IR LED
4M QHD	1/2.8" Progressive Scan CMOS	Bullet		**NM4000BL-F1.6**	1.68mm	Smart IR

EX-SDI/HD-SDI Solution

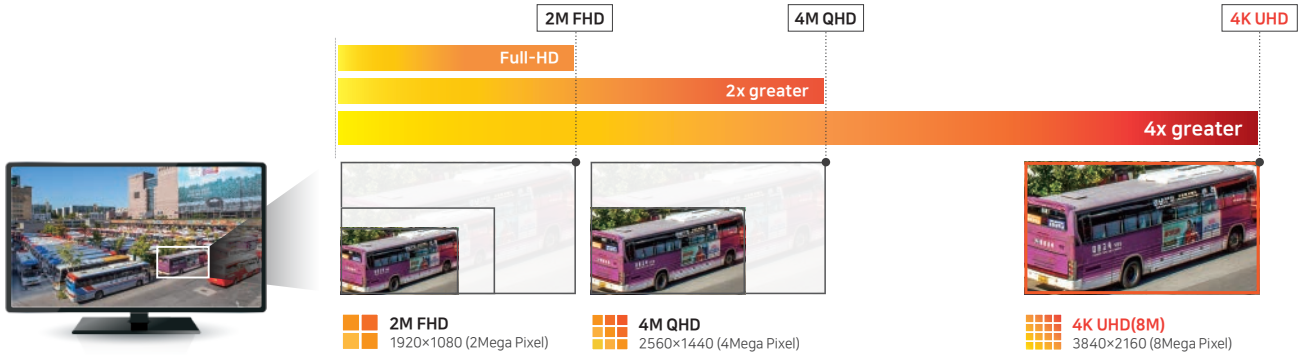
UNIVERSAL

· From CVBS to 4K UHD, including IPC, the Universal 4K DVR supports all kinds of video formats
· The Universal 4K DVR is the optimum solution for any site, any camera

Format / Product	Analog			Digital				IP
	CVBS	TVI	AHD	HD-SDI	EX-SDI 1.0 / 2.0	EX-SDI 2.1	EX-SDI TDM	Onvif / WESP
Digital DVR				*Digital HD / UHD / TDM*				*IP*
Universal DVR	*Analog SD / HD*			*Digital HD / UHD / TDM*				*IP*

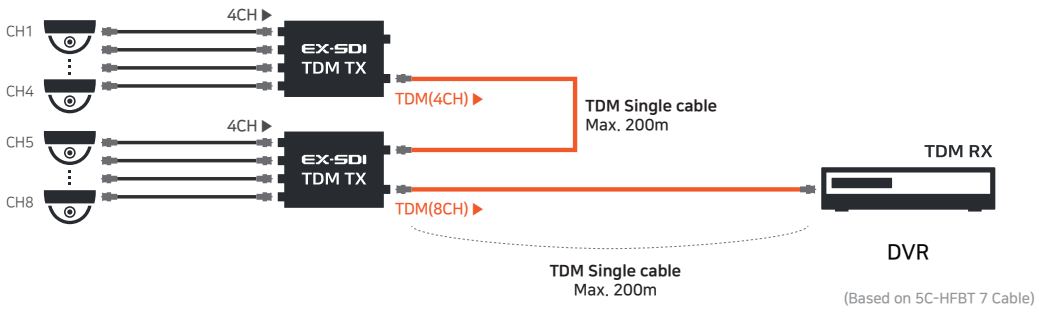
4K UHD

· 4K UHD is perfect for large area coverage and identifying objects at great distances
· DVR supports 4M QHD (2x greater than Full-HD) and 4K UHD (4x greater than Full-HD) recording



TDM

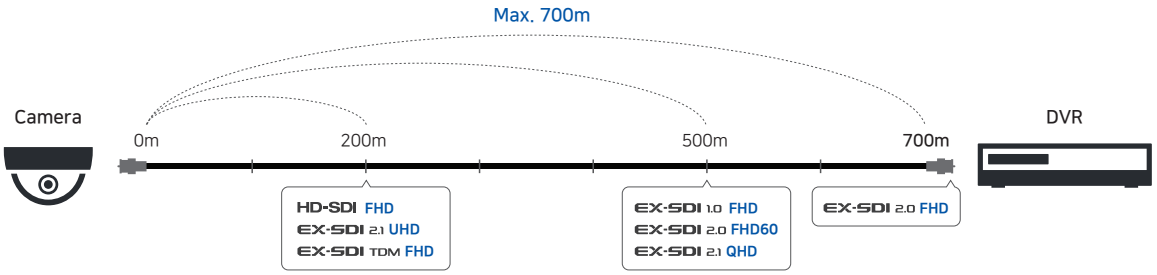
· Embedded TDM : Time Division Multiplexer receiver
· Embedded TDM(EX-SDI) receives max. 8ch video with single cable



EX-SDI

· EX-SDI is enhanced technology of HD-SDI to extend the transmission distance without image deterioration through VLC(Visually Lossless Codec)

· EX-SDI 2.0 can transmit the Full-HD image up to 700m (EX-SDI 1.0: 500m) through coaxial cable



(Based on 5C-HFBT 7 cable)

SONY STARVIS Image Sensor

· Highly sensitive SONY STARVIS CMOS Sensor provides crystal clear image in low light condition

High level of WDR performance

· Advanced WDR(Wide Dynamic Range) realizes clear image in backlight condition

UCC

· DVR can control camera through coaxial cable

· Without additional cable, it can control OSD menu, Zoom/Focus of camera remotely

EX-SDI/HD-SDI Solution

DVR

Resolution	Photo	Format	Model	Video input	HDD SATA	Etc.
4M QHD		Universal	**UHD1608F-U**	16ch	6	TDM
			UHD1608F-UR	16ch	6	TDM / RAID
		Universal	**UHD804F-U**	8ch	2	TDM
			UHD402F-U	4ch	2	TDM
		Digital	**HDC442F-D**	4ch	1	TDM
2M FHD		Universal	**UHD1604F-U**	16ch	6	TDM

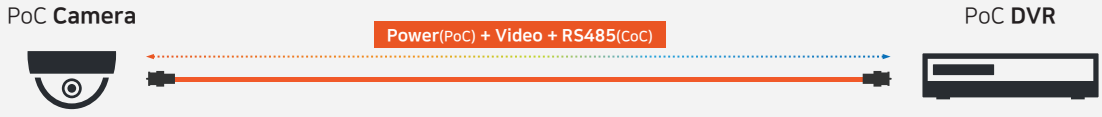
Camera

Resolution	Sensor	Photo		Model	Lens	IR LED
4M QHD	SONY STARVIS 1/2.8", 5MP CMOS	Bullet		**K4000BL-IR48**	2.7~12mm	48pcs
				K4000BL-IR48-AF	AF, 2.7~12mm	
				K4000BL-IR48-F3.6	3.6mm	48pcs
				K4000BL-IR48-F6	6mm	
		Dome		**K4000D-IR30**	2.8~12mm	30pcs
				K4000D-IR30-AF	AF, 2.7~12mm	
				K4000D-IR24-F3.6	3.6mm	24pcs
				K4000D-F2.8	2.8mm	-
				K4000D-F3.6	3.6mm	
		Vandal		**K4000VD-IR36**	2.8~12mm	36pcs
				K4000VD-IR36-AF	AF, 2.7~12mm	
		Housing	(Long)	**K4000H-IR100**	2.7~12mm	Super IR 6pcs
				K4000H-IR100-AF	AF, 2.7~12mm	
			(Short)	**K4000H-IR100-F3.6S**	3.6mm	Super IR 6pcs
				K4000H-IR100-F6S	6mm	
2M FHD	SONY STARVIS 1/2.8", 2.1MP CMOS	Bullet		**K1080BL-IR48**	2.7~12mm	48pcs
				K1080BL-IR36-F3.6	3.6mm	36pcs
		Dome		**K1080D-IR30**	2.8~12mm	30pcs
				K1080D-IR24-F2.8	2.8mm	24pcs
				K1080D-IR24-F3.6	3.6mm	
				K1080D-F2.0	2.0mm	-
				K1080D-F2.8	2.8mm	
				K1080D-F3.6	3.6mm	
		Housing	(Long)	**K1080H-IR100**	2.7~12mm	Super IR 6pcs
				K1080H-IR100-F550	5~50mm	
			(Short)	**K1080H-IR100-F550S**	5~50mm	Super IR 6pcs
				K1080H-IR100-F3.6S	3.6mm	
				K1080H-IR100-F6S	6mm	
		Housing (LPR)	(Long)	**K1080H-SIR12-F550-LPR**	5~50mm	Super IR 12pcs
		Slide Housing		**K1080SH-F3.6C**	3.6mm	-
	1/3", 2.1MP CMOS	PTZ		**C1080PT-Z20B**	4.7~94mm (x20)	-
				C1080PT-Z20BF	4.7~94mm (x20)	-
				C1080PT-Z10B	5.1~51mm (x10)	-
				C1080PT-Z10BF	5.1~51mm (x10)	-

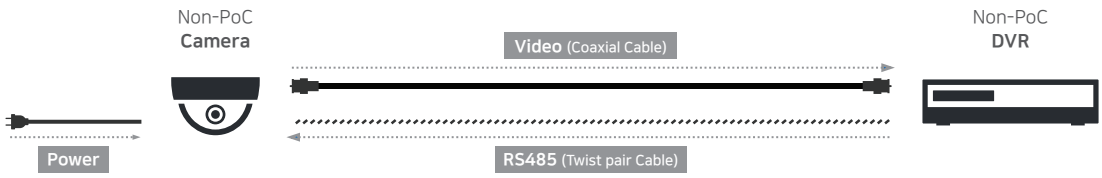
PoC Solution

One Cable Solution

· **PoC**(Power over Coax)
: DVR sends power to camera through coaxial cable. No need of separate power to the camera
· **CoC**(Control over Coax)
: DVR sends camera control signal through coaxial cable. No need of separate RS485 line to the camera



· **Non-PoC** : Separate power and control line (RS485) are required



Surge protection

· 50% better than general products
· Minimize surge problem from potential difference
· Satisfy the highest level (Class3, 2kv) of international standard on surge immunity (IEC 61000-4-5)

Installation time

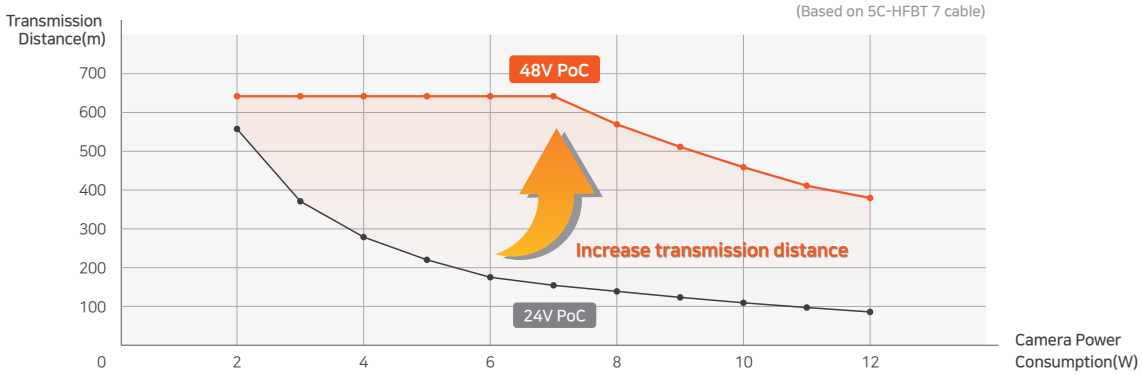
· 30% faster than general cameras
· No need to install power cable and hsbox
· Minimize perforation on the exterior of the building as there's no need to install power box

Intelligent power outage recovery

· IPFR(Intelligent Power Failure Recovery) technology
· HDD controllable SMPS and protection circuit even under power lost

Increase transmission distance

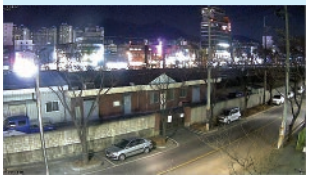
· Increase power transmission distance compared to 24V product



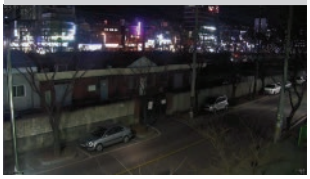
SONY STARVIS Image Sensor

· Highly sensitive SONY STARVIS CMOS Sensor provides crystal clear image in low light condition

SONY STARVIS CMOS Sensor



General Sensor



High level of WDR performance

· Advanced WDR(Wide Dynamic Range) realizes clear image in backlight condition

Made in Korea

· In-country development/production with reasonable price

PoC Solution

PoC DVR

Resolution	Photo	Format	Model	Video input	HDD SATA	PoC Power consumption (Max)
4M QHD		Digital	**UHD1608F-P**	16ch	6	180W
		Digital	Coming soon **UHD804F-P**	8ch	2	110W
		Digital	**HDC442F-PD**	4ch	1	80W

Tip

Transmission distance by the power consumption

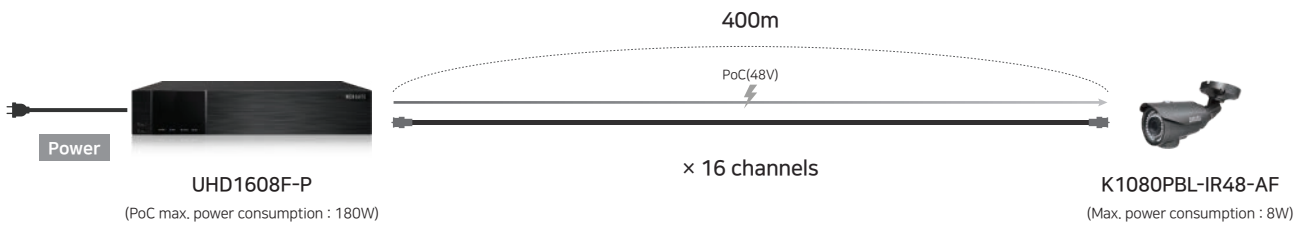
(Based on 5C-HFBT 7 cable)

Camera	DVR	16ch	8ch	4ch	Distance (Recommended)
		UHD1608F-P	UHD804F-P	HDC442F-PD	
	Max. power consumption	180W	110W	80W	
K1080PD-IR30-AF	6W	All channels	All channels	All channels	600m
K1080PVD-IR36-AF	7W	"	"	"	500m
K1080PBL-IR48-AF	8W	"	"	"	400m
K1080PH-IR100-AF	12W	10 channels	6 channels	"	300m

* Note
- Actual transmission distance may differ due to installation environment or camera/DVR models

Example)

- DVR : UHD1608F-P
- Camera : K1080PBL-IR48-AF
- Max. 16ch, 400m



UHD1608F-P
(PoC max. power consumption : 180W)

K1080PBL-IR48-AF
(Max. power consumption : 8W)

PoC Camera

Resolution	Sensor	Photo		Model	Lens	IR LED	Power consumption (Max)
4M QHD	SONY STARVIS 1/2.8", 5MP CMOS	Bullet		**K4000PBL-IR48**	2.7~12mm	48pcs	8W
				K4000PBL-IR48-AF	AF, 2.7~12mm		
				K4000PBL-IR48-F3.6	3.6mm	48pcs	8W
				K4000PBL-IR48-F6	6mm		
		Dome		**K4000PD-IR30**	2.8~12mm	30pcs	6W
				K4000PD-IR30-AF	AF, 2.7~12mm		
				K4000PD-IR24-F3.6	3.6mm	24pcs	5W
				K4000PD-F2.8	2.8mm	-	3W
				K4000PD-F3.6	3.6mm		
		Vandal		**K4000PVD-IR36**	2.8~12mm	36pcs	7W
				K4000PVD-IR36-AF	AF, 2.7~12mm		
		Housing	(Long)	**K4000PH-IR100**	2.7~12mm	Super IR 6pcs	12W
				K4000PH-IR100-AF	AF, 2.7~12mm		
			(Short)	**K4000PH-IR100-F3.6S**	3.6mm	Super IR 6pcs	12W
				K4000PH-IR100-F6S	6mm		
2M FHD	SONY STARVIS 1/2.8", 2.1MP CMOS	Bullet		**K1080PBL-IR48**	2.7~12mm	48pcs	8W
				K1080PBL-IR48-AF	AF, 2.7~12mm		
				K1080PBL-IR48-F3.6	3.6mm	48pcs	8W
				K1080PBL-IR48-F6	6mm		
		Dome		**K1080PD-IR30**	2.8~12mm	30pcs	6W
				K1080PD-IR30-AF	AF, 2.7~12mm		
				K1080PD-IR24-F3.6	3.6mm	24pcs	5W
				K1080PD-F2.8	2.8mm	-	3W
				K1080PD-F3.6	3.6mm		
		Vandal		**K1080PVD-IR36**	2.8~12mm	36pcs	7W
				K1080PVD-IR36-AF	AF, 2.7~12mm		
		Housing	(Long)	**K1080PH-IR100**	2.7~12mm	Super IR 6pcs	12W
				K1080PH-IR100-AF	AF, 2.7~12mm		
			(Short)	**K1080PH-IR100-F3.6S**	3.6mm	Super IR 6pcs	12W
				K1080PH-IR100-F6S	6mm		

AHD/TVI Solution

DVR

Diverse video input

· Easy integration of HD analog (AHD, TVI), CVBS and IP cameras

Low installation cost

· Reduction in installation time and cost by using existing coaxial cable

UTC

· DVR can control camera through coaxial cable
· Without additional cable, it supports OSD, Zoom/Focus control from DVR or PC remotely

Resolution	Series	Photo	Model	Video input	HDD SATA	Etc.
2M FHD	HAC Series		**HAC1630F**	16ch	2	-
			HAC830F	8ch	1	-
			HAC430F	4ch	1	-
4M QHD	QAC Series		**QAC1650F**	16ch	2	-
			QAC850F	8ch	2	-
			QAC450F	4ch	1	-

Camera

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Made in Korea

· In-country development/production with reasonable price

Resolution	Sensor	Photo		Model	Lens	IR LED
2M FHD	SONY STARVIS 1/2.8", 2.1MP CMOS	Bullet		**KT1080BL-IR36-F3.6**	3.6mm	36pcs
				KT1080BL-IR48	2.8~12mm	48pcs
		Dome		**KT1080D-IR24-F3.6**	3.6mm	24pcs
				KT1080D-IR30	2.8~12mm	30pcs
		Vandal		**KT1080VD-IR36**	2.8~12mm	36pcs
		Box		**KA1080B**	-	-
4M QHD	SONY STARVIS 1/2.8", 5MP CMOS	Bullet		**KT4000BL-IR48**	2.8~12mm	48pcs
		Dome		**KT4000D-IR30**	2.8~12mm	30pcs
		Vandal		**KT4000VD-IR36**	2.8~12mm	36pcs
		Box		**KT4000B**	-	-

All-in-one CCTV Solution

Neat and simple design

· Simple appearance with built-in DVR, monitor, adapter and power strip

Adaptable for limited space

· Compact monitor embedded housing for neat installation in tight spaces (studio apartment, villa, store and etc.)

Equipment protection and theft prevention

· Dual locking devices support equipment protection and theft prevention

Minimizing heat generation

· Stainless steel material and upper/lower ventilation holes minimize heat generation

High performance monitor

- High-performance monitor with excellent viewing angle and brightness
- Clear wide viewing angle at any angle
- Realize vivid and clear video through great color reproduction

General panel | High-performance monitor

Auto Locking

- Lock the system automatically if administrator does not use DVR for certain period of time

Extended Monitor Panel Life

- Maximizing the life of the monitor panel which can be reduced by CCTV's feature (24 hours, 365 days recording)
- Monitor automatically turns on/off or into black screen mode according to the time specified by user

Video Export Security

- Write/manage the detailed information of back up in system log
- Mosaic function for specific person or object

Various Solutions

- All of Webgate's solutions(PoC, EX-SDI, HD Analog, Network) is applicable
- Construct economical and reasonable system according to installation environment and purpose

Fire Detection Solution

Key features

- Full-HD video
  High-quality Surveillance
- Customized Sensor
  Accurate Detection
- Special Glass
  Maximizing Distance
- Sensitivity Control
  Environment Optimization

Flame Detection Solution

Demo Video

- Smart Flame Detection Camera can detect wavelength of flame to recognize actual fire then it notifies user of fire alarm to help suppressing fire at it's early stage
- Contrary to object recognition flame cameras, it drastically minimizes false alarm by using special sensor
- It can detect fire (1.5m height) within 30m distance, 80° angle of view

Type		Customized Sensor	Object recognition
Sensing method		Detecting wavelength of actual flame	Detecting shape and color of fire
Reliability		High	Low (false alarm)
Sensing Evironment	Day	Detect (Normal)	Depending of sensing condition (Condition of shape and color)
	Night	Detect (Normal)	Error (Cannot detect due to low illumination)
	Similar object	Detect (Normal)	Error (Recognize similar object as fire)

Heat Detection Solution

Demo Video

- Applicable on thermal sensitive device and facility
- Optimal setup for variable environment
- Auto push alarm will prevent fire in case of target temperature(Max. 450℃) is higher than preferable temperature

Flame Detection Camera

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

Type	Photo		Model	IR LED	Lens	Sensor
Coaxial	Bullet		**K1080BL-AF-F2**	30pcs	AF, 2.7~12mm	2pcs
			K1080BL-F1	30pcs	3.6mm	1pcs
Coaxial (PoC)	Bullet		**K1080PBL-AF-F2**	30pcs	AF, 2.7~12mm	2pcs
Network	Bullet		**NK1080BL-AF-F2**	30pcs	AF, 2.7~12mm	2pcs
	Dome		**NK1080D-F1**	24pcs	3.6mm	1pcs

Heat Detection Camera

* Detection Degree
- T450 series : Max. 450℃
- T2 series : Max. 120℃

Type	Photo		Model	IR LED	Lens	Sensor
Coaxial	Bullet		**K1080BL-T2 / -T450**	30pcs	3.6mm	1pcs
Coaxial (PoC)	Bullet		**K1080PBL-T2 / -T450**	30pcs	3.6mm	1pcs
Network	Bullet		**NK1080BL-T2 / -T450**	30pcs	3.6mm	1pcs

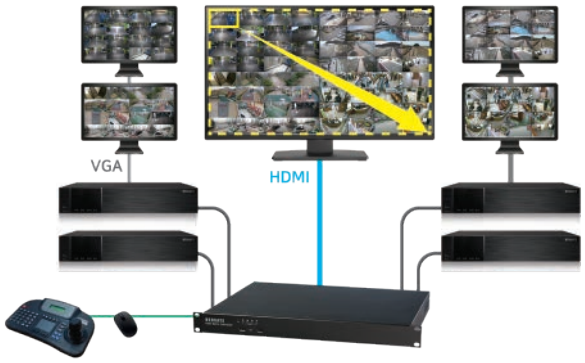
Accessory

Converter

Type	Photo	Channel	TX/RX	Model	Transmission	Voltage
Repeater		1ch	-	**RP102P-48V**	Coaxial	DC 48V
Fiber-Optic Converter		1ch	Transmitter	**OPT-TX1-RS485P**	Fiber-Optic	DC 24V
				OPT-TX1-RS485P-48V	Fiber-Optic	DC 48V
		1ch	Receiver	**OPT-RX1-RS485P**	Fiber-Optic	DC 24V
		4ch	Transmitter	**OPT-TX4-RS485P**	Fiber-Optic	DC 24V
				OPT-TX4-RS485P-48V	Fiber-Optic	DC 48V
		16ch	Receiver	**OPT-RX16-RS485C**	Fiber-Optic	DC 12V
TDM Converter		1ch	Transmitter	**TDM01-SDI-TX**	Coaxial	DC 48V
		4ch	Transmitter	**TDM04-SDI-TX**	Coaxial	DC 48V
		8ch	Transmitter	**TDM08-SDI-TX**	Coaxial /Fiber-Optic	DC 24V

Video Matrix Controller

Patent No.10-1650466



VMC6401

· Full-HD 64 channel, real time, full frame, non-compressed monitoring
· Full control of DVR functions

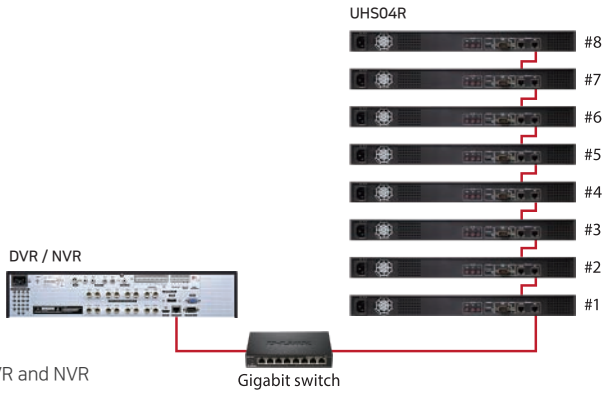
	VMC6401	Matrix	Quad	VMS(PC)
Live View	High Definition(Uncompressed) Full Frame No Delay	High Definition(Uncompressed) Full Frame No Delay	High Definition(Uncompressed) Full Frame No Delay	Low Definition(Compressed) Not Full Frame Delay
Display(Channel)	64 / 16 / 1	1	64 / 1	64 / 16 / 1
DVR/Camera control	○	×	×	○
OSD	○ (64 division)	×	×	○
System	Stable	Stable	Stable	Unstable

Keyboard

WKC-200

· Touch Pad Mouse
· Built-in 2-line character LCD
· Built-in 3-Axis proportional joystick
· Controls up to 255 cameras
· Easy integration with DVR

Network Storage



UHS04R

· Dedicated external storage for WEBGATE's DVR and NVR
· Max. 256TB data capacity
· Built-in RAID 1/5/10
· IPFR (Intelligent Power Failure Recovery) file system
· Hot-swap

Software

VMS

Control Center

- Free VMS
- Support max. 1024 units of DVR/NVR/IPC
- Max. 128 channels live monitoring per PC
- Viewset and eMAP layer(GIS map)
- Search by Calendar, Time Line, Event, Text, Smart and Thumbnail
- HW decoding provides powerful monitoring performance

Mobile App

WebEye

- Efficient mobile monitoring app for anytime, anywhere
- Support iOS & Android
- 1/ 4 / 9 /16 multi screen monitoring
- Playback / Digital zoom / Audio / PTZ control
- Event push alarm

Web Viewer

HTML5 Web Viewer

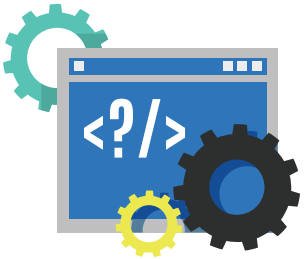
- Industry-first HTML5 Web Viewer
- Support ActiveX and HTML5 simultaneously
- Monitoring and control over web browser without installing plug-in (ActiveX)
- Support various web browser such as IE, Chrome, Safari, Microsoft Edge and etc.
- DVR control such as full frame monitoring, PTZ control, full frame playback, back up and etc.

Streaming Solution

WinRDS

· Streaming server solution to redistribute video, audio, alarm, status to multi users
· Max. 100 users registration
· Max. 512 video stream input from DVR (Max. 800Mbps)
· Max. 512 video stream distribution to clients (Max. 800Mbps)
· Authority management for DVR access and channel control

SDK



WESP

· Flexible and interoperable WESP(WEBGATE Embedded Standard Protocol) SDK
· Customers can easily develop their own applications
· Support all functions of Webgate's products including software

Software Main Features

SERVICE STREAMING

Remote DVR (Remote DVR control)

Patent

- Remote connection to DVR over network to share HDMI screen of DVR directly to PC or Smartphone
- CCTV video & OSD menu of DVR are shared so, user can control them anytime and anywhere

Service Channel

- 16 channel (480fps) real-time monitoring via Mobile Viewer (WebEye)
- 128 channel (3,840fps,16 channel DVR x 8) real-time monitoring via Control Center
- Service channel can be used in Video Matrix (VMC6401)

RTSP Streaming

- Streaming DVR's live image through RTSP (Real Time Streaming Protocol)
- Easy to build or expand surveillance system by integrating with 3rd party's VMS or NVR
- Transmit max. 1080p/180fps via network

VARIOUS IN·OUTPUT FORMAT

Support All Video Formats and UTC

- Support all digital formats (HD-SDI, EX-SDI, EX-SDI 2.0, EX-SDI 2.1, EX-SDI TDM)
- Support all analog formats (TVI, AHD, TVI 4M, CVI(TBD), CVBS)
- Support all analog camera's UTC(CoC)

Support Various Output Formats

- Support 4K UHD(HDMI) output
- Support digital(HD-SDI, EX-SDI, EX-SDI2.0) BNC output for long distance transmission

Compatible with diverse IP Cameras

- Support free IPC integration (Need to send IPC sample to WEBGATE)

EFFICIENT USE ENVIRONMENT

Expansion of Storage Capacity

- HDD storage is expandable up to 128TB(eSATA), Network storage (UHS04R) is expandable up to 256TB
- Secure sufficient storage period and efficient data management

Customized Booting Logo and Empty Channel Logo

- User can change the logo for booting screen and empty channel
- User can apply customized logo for advertisement or customer service as needed

USB Keyboard Connection

- Support USB keyboard for easy typing

TDM VIDEO

TDM (Time Division Multiplexer)

- Transmit max. 8 channel (HD-SDI/EX-SDI 2.0) videos through single fiber-optic or coaxial cable
- Various types of TDM TX (8in1. 4in1, 2in1, Cascade and etc.) can be selected and configured according to field situation

SOFTWARE PERFORMANCE IMPROVEMENTS

Control Center
(version 7.X and above)

- Multi-backup function in Control Center Playback
- Improved display performance (compare to version 6.X)
- Unlimited file partitioning size
- Search by ERROR events
- Tree menu arrangement and name search function
- Health check function

WebEye
(version 4.0.X and above)

- Improved display performance
- Show the last monitoring unit when App restarts
- Expand the max. number of registered units to 100
- Time adjustment through Playback slide bar
- Emphasized flame alarm

Firmware Auto Upgrade
(version 8.2.16 and above)

- Firmware auto upgrade easily restore malfunctioning DVD/NVR
- Initialization and recovery of device through USB memory without professional skill

[Industry-first] HTML5 WebViewer

- HTML5 WebViewer supports monitoring & controlling DVR/NVR through web browser without additional plug-in installation (ActiveX)
- User can access to DVR/NVR through diverse web browser such as Safari, Edge, Chrome, Firefox and etc. regardless of operating system (Windows, Mac or etc.)
- Provide various control functions such as full-frame monitoring, PTZ control, full-frame playback, backup and etc.

At the PC Playback (Playback on PC)

- HDD used in DVR can be connected to a PC for playback or backup through VMS(Control Center)
- Simpler and quicker playback / backup compare to DVR interface
- Increase reliability through data backup

OPTIMIZED CONFIGURATION

Network Status

4K Monitor Auto Setup

PTZ Patrol

Video Type Manual Setup

4K Image Screen Auto Setup

Integration with Specialized Solutions (Home Network, IP Alarm Bell and etc.)

Sensor Type Auto Detection

2, 6 Split Screen Mode

The World's first certified member
by HDcctv Alliance

2020. 02

HD-CCTV Products & Solutions

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