



Intelligent Fever Detection Solution



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Fever Detection | SONY STARVIS | Onvif | Coax | Analog | Digital | 4M QHD | 4K UHD | TDM RX

Key Features

- Deep-learning based 3rd generation face recognition fever detection solution
- The world's 1st HD-SDI(EX-SDI) format embedded system

[CAMERA] Thermal-T36.5-Coax

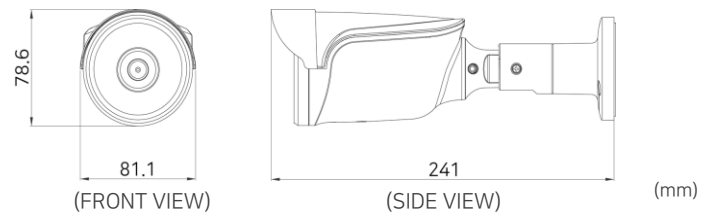
- Fever detection range : 30°C ~ 40°C (THERMAL)
- 1/2.8" 2.1MP Sony STARVIS Image Sensor
- FLIR thermal sensor
- Approved by Korea Laboratory Accreditation Scheme (KOLAS)
- Internal IR LED : 30pcs

[DVR] UHD202F-U-V2-T36.5

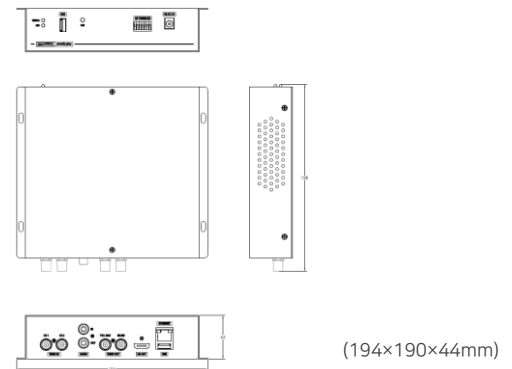
- HD-SDI, EX-SDI video format
- HDMI output
- Free VMS(Control Center) software

Dimension

[CAMERA] Thermal-T36.5-Coax



[DVR] UHD202F-U-V2-T36.5



Tech Note

Deep-learning based 3rd – generation face recognition fever detection solution

The 3rd-generation solution with high quality video image and deep-learning algorithm combined

Temperature correction technology that improves accuracy and reliability

Auto sets on normal and abnormal temperature through real-time learning of temperature data
Reliable monitoring without complex alarm setting

The worlds first HD-SDI type fever detection solution

HD-SDI (Digital transmission standard) and thermal sensor embedded CCTV combined

Easy-to-use and simple installation and management for the beginners (PnP & Easy GUI)

Simple installation and setup that ends with only cabling and entering power without complex network setup
Easy GUI for anyone (temperature setting, notice board, alarm pop-up, buzzer and etc.)

Made in Korea

High-quality and reasonable cost developed and produced by Korea

* This product is intended for same purpose as thermal imaging cameras used in public facilities like airport and etc and can facilitate thermal quarantine and screening by non-contact detection of unspecified amount of heat.

* This product is not a medical device so it is not to be used to determine whether it is disease or not. If needed, please take accurate temperature measurement through medical devices.



EX-SDI(HD-SDI) Fever Detection Camera

Thermal-T36.5-Coax



Sensor Type		1/2.8", 2.1Megapixel Sony STARVIS Sensor
Total Pixels		1920 (H) × 1080 (V) = 2.1M pixels
Scanning System		Progressive Scan
Thermal	Sensor	LWIR Sensor, wavelength 8~14 um
	FOV / Distance	51° (HFOV), 39° (VFOV) / 1~5m, More than 6m
	Detection Degree	30°C ~ 40°C
	Emissivity	MATT(0.96), SEMI_MATT(0.80) SEMI_GLY(0.60), GLOSSY(0.3), MANUAL(0.1 ~ 0.99)
	Minimum Object Size	Distance 1m : 0.05m (H) x 0.05m (V) Distance 10m : 0.5m (H) x 0.5m (V)
	Detection Time	1, 3, 5, 10 sec.
	Action Time	Keep On, 1, 3, 5, 10, 20, 30, 40, 50, 60 sec
	Alarm Output	OFF / ON (Active Low, Active High)
Lens	Filter	True Day & Night (ICR)
	Type	3.6mm FIXED MEGA LENS (ICR)
Video	Output	1 (BNC 1.0 Vp-p, 75Ω)
	Resolution	1080p 30fps / 25fps
	Format	HD-SDI / EX-SDI / EX-SDI 2.0
Video Control	AGC	LEVEL 0~10
	S/N Ratio	More than 52dB
	BLC	OFF / HLC / BLC / WDR
	ACE	OFF / LOW / MIDDLE / HIGH
	Min. Illumination	0.02Lux (DSS X32)
	DNR	OFF / LOW / MIDDLE / HIGH
	Iris Adjust.	MANUAL
	White Balance	AUTO / AUTOext / PRESET / MANUAL
	Electric Shutter	INDOOR / OUTDOOR / INDOOR-ANTI-BLUR / OUTDOOR-ANTI-BLUR / FLICKER / MANUAL (11 Steps)
	OSD Language	ENG
	Day&Night	COLOR / BW / EXTERN / AUTO
	Defog	OFF / ON (AUTO, MANUAL-LOW / MIDDLE / HIGH)
	Privacy	Not Supported
	Face Recognition	MAX 10 users
	Defect	LIVE DPC
	DSS	OFF / X2~X32
	Digital Effect	OFF / H-MIRROR / V-MIRROR
IR LED	30 pcs	
Smart IR	OFF / ON	
Input Voltage	DC 12V(±10%, Adapter)	
Power Consumption	IR OFF : 3W (MAX) IR ON : 5W (MAX)	
Operation Temp./Humidity	-10°C~ +50°C / MAX 90% RH	
Storage Temp./Humidity	-20°C ~ +60°C / MAX 90% RH	
Certification	KC	



DVR/NVR



CAMERA



ACCESSORY



SOFTWARE

Fever Detection DVR

UHD202F-U-V2-T36.5



VIDEO INPUT		
Video input Format	BNC	HD-SDI, EX-SDI(1.0 / 2.0 / 2.1), EX-SDI TDM AHD, TVI, CVBS(960H,SD)
	IP(Ethernet)	WESP, Onvif Profile S H.264, H.264+(*)
Resolution / Frame Rate	HD-SDI	1920×1080@30fps, 1920×1080@25fps
	EX-SDI 1.0	2560×1440@30fps, 2560×1440@25fps
	EX-SDI 2.0	3840×2160@30fps, 3840×2160@25fps(*)
	EX-SDI 2.1	
	EX-SDI TDM	1920×1080@30fps, 1920×1080@25fps
	AHD	1920×1080@30fps, 1920×1080@25fps 2560×1440@30fps, 2560×1440@25fps
Connectors	TVI	1920×1080@30fps, 1920×1080@25fps 2560×1440@30fps, 2560×1440@25fps
	CVBS(960H)	960×480@60i, 720×480@60i 960×576@50i, 720×576@50i
	IP	1st stream: 1280×720~2560×1440 2nd stream: max 1280×720
	CoC	Control over Coax@AHD,TVI,All SDI
VIDEO OUTPUT		
Video output	Resolution	HDMI : 3840×2160, 1920×1080 BNC(SDI/AHD/TVI) : 1920×1080
	Mode	HDMI main + Video out Duplicate HDMI main + Video out Spot
	BNC(HD Analog)	1, 4 split-screen, Switching Format : TVI, AHD
	BNC(SDI)	Spot : 1, 4 split-screen, Switching Format : HD-SDI, EX-SDI, EX-SDI 2.0
RECORDING		
Compression	H.264 / H.264+(*) / JPEG	
Resolution	3840×2160(*), 2560×1440, 1920×1080, 960×480	
Rate	Max. 120fps@1920×1080 Max. 120fps@2560×1440 Max. 60fps@3840×2160(*)	
Quality	10 levels up to 8Mbps@2M, 12Mbps@4M, 10Mbps@4K(*)	
Mode	Normal/Event Record, Schedule/Event Record, Emergency Record	
Schedule	24hrs / 7days	
PLAYBACK		
Mode	Instant Playback / Search	
Speed	Max. 120fps@1920×1080 Max. 120fps@2560×1440 Max. 60fps@3840×2160(*)	
Search type	Date/Time, Calendar/Time-line, Event, Thumbnail(Interval/Motion), Text, Bookmark	
Block playback	1day ~ 99days	
EVENT & ALARM		
Event source	Motion detection, Sensor input, Video Loss, Text input, System	
Event check Schedule	24hrs / 7days	
Event action	Relay, Buzzer, E-mail, FTP, Video pop-up, Camera Preset, Mobile Alarm Push, System alarm	
MD area	15×10	
Text input	POS/ATM support, AVE VSI Pro/Hydra support	
SYSTEM ALARM		
Event source	HDD fail, HDD almost full, Password fail, WRS/DDNS fail, Recording Fail	
Event action	Pop-up Message, Buzzer, E-mail, Relay, Mobile Alarm Push	
AUDIO		
Input/output	1 RCA input / HDMI & RCA output	
Compression	G.711	
Direction	Both	

PTZ	
Protocols	HIK-C, AHD, C1080(D1080), C1080PT-Z20, Pelco-D, Pelco-P, Samsung, Panasonic and others
NETWORK	
Interface	1 Gigabit Ethernet (10/100/1000Mbps)
Type	Static IP, Dynamic IP, xDSL
DDNS	WNS, DynDNS, NoIP, WRS
Bandwidth limit	0.01 ~ 100Mbps, unlimited
NTP	Server / Client / Both
Users	10 Monitoring, 4 Playback
RTSP	Supported
UPnP	UPnP auto port forwarding
Streaming	H.264 or H.264+(*) stream, High resolution 1 additional H.264 or H.264+(*) stream, Normal resolution 1 JPEG stream, Normal resolution
TLS	Supported
Service Streaming	Service Channel or Remote DVR
SECURITY	
User level	1 admin, 10 users
User privilege	Menu, PTZ, Relay, Playback, Power off, Copy, Network MIC, Camera setup
IP filtering	Supported
STORAGE & BACKUP	
Storage devices	1 internal SATA HDD (500GB HDD)
RAID Level	Not supported
File system	Proprietary file system, Data-loss protection against power-failure
Capacity	Max. 128TB with SATA
Backup type	Multi-channel exe file, Single channel avi file, JPEG(Capture)
Backup device	2 USB 2.0 drive (1 front, 1 rear) FAT32(Max 32GB), NTFS
S.M.A.R.T.	Health checking and alarm, Reallocation sector monitoring and alarm
SERIAL & I/O	
Serial port	1 RS-485
Sensor input	1 Dry-contact + Sensor of IP Camera
Relay output	1 Relay
ETC	1 GPS Module(option)
CONTROLLER	
Device	Mouse
SOFTWARE	
HTML5 Webviewer	Monitoring / Event / PTZ / Playback for browser supporting HTML5
Webviewer	Monitoring / Event / PTZ / Playback for IE
Mobile viewer	Monitoring / Playback / Alarm Push / PTZ / Audio / Log View with iPhone & Android
CMS	Control Center, Max. 1024 units
SDK	ActiveX(COM) SDK
ENVIRONMENTAL & PHYSICAL	
Dimension	194(W) × 190(D) × 44(H) mm
Weight	1.2kg (Include 500GB HDD)
Operating Temperature	0°C~45°C (32°F ~ 113°F)
Operating Humidity	80% below, free of condensation
Power	Adapter DC12V/3A
Power Consumption	Typical 7.1W(w/o USB)
Approval	KC, ROHS

(* Marks- Scheduled to be supported)

* Specifications are subject to change without notice for product improvement.