DOYO
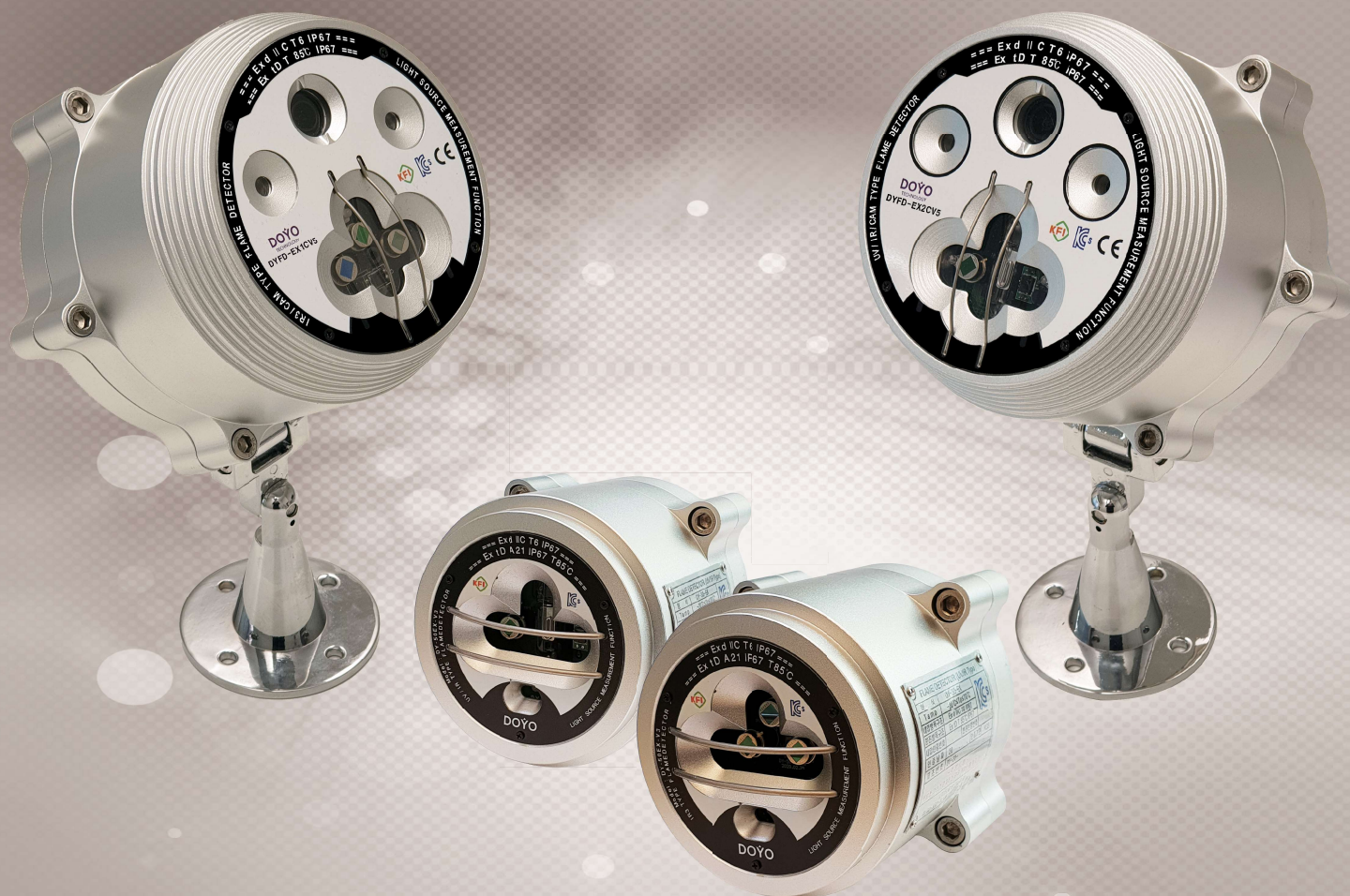
TECHNOLOGY

Creative Leader in FLAME DETECTORS

History

2015
- 11 – Establishment of corporation(Capital KRW 700million)
- 12 – Disaster prevention test site construction

2016
- 01 – factory establishment and registration
- 06 – quality management system authentication (ISO 9001:2008)
- – environmental management system certification (ISO 14001:2004)
- 11 – Producer liability insurance (P/L insurance)
- – Academic-Industry Cooperation Agreement on Fire Prevention (Seoyoung University)

2017
- 04 – Selected as a promising company and ITEM (mobile linked CCTV type flame detector)
- – Attracting technical funding support (IBK Bank-NICE Technology Credit Rating)
- 05 – Registered as Nara Marketplace by Public Procurement Service (goods, construction business)
- – Venture company certification (Technology Guarantee Fund)
- – Technology evaluation excellent company certification (NICE evaluation information)
- 06 – Traditional market pilot project, special (CCTV type) flame detector installation (Yeongdeungpo Market)
- 08 – Completed development of video control device and recording equipment for disaster prevention, established headquarters server
- – Patent – "the flame detecting apparatus having sensing distance control function"
- 10 – Registered as a professional firefighting facility construction business (Korea Firefighting Facility Association)
- 11 – CCTV integrated flame detector installation (Seoul Chung-Ang University Hospital), (Yeosu Dokkaebi Traditional Market)
- 12 – CCTV integrated flame detector installation and supplier registration (Iljin Global)

2018
- 01 – CCTV integrated flame detector installation and supplier registration (Iljin)
- – Acquisition of explosion-proof certificate "Ex d Ⅱ C T4 IP67" (IR3 Type) (Korea Gas Safety Corporation)
- 03 – Registered as a partner for establishing a disaster prevention system for traditional temples of the ancient sect.
- 05 – Acquisition of conformity registration certificate for broadcasting and communication equipment, etc. (National Electromagnetic Research Institute)
- 06 – CCTV integrated flame detector installation (Binggrae)
- 11 – Acquired Patent No. 10-1924854 (Multifunctional Receiver for Fire Detection)

2019
- 02 – Acquired Patent No. 10-1953878 (Analog and Digital Sensor Mixed Infrared Flame Detector)
- 04 – Acquired Patent No. 10-1953878 (Analog and Digital Sensor Mixed Infrared Flame Detector)
- 06 – Acquisition of explosion-proof certificate "Ex d Ⅱ C T6 IP67, Ex tD A21 IP67 T85℃" (IR3 Type) (Korea Gas Safety Corporation)
- – Acquired Patent No. 10-1993658 (Flame detector with multi-axis rotation structure)
- – Acquired Patent No. 10-1993660 (Fire detection and fire monitoring system)

2020
- 01 – Acquisition of explosion-proof certificate "Ex d Ⅱ C T6 IP67, Ex tD A21 IP67 T85℃" (CCTV built-in IR3 flame detector) (Korea Gas Safety Corporation)
- – Acquisition of explosion-proof certificate "Ex d Ⅱ C T6 IP67, Ex tD A21 IP67 T85℃" (CCTV built-in UV/IR flame detector) (Korea Gas Safety Corporation)
- 08 – Acquisition of explosion-proof certificate "Ex d Ⅱ C T6 IP67, Ex tD A21 IP67 T85℃" (IR3 flame detector) (Korea Gas Safety Corporation)
- 11 – Acquisition of explosion-proof certificate "Ex d Ⅱ C T6 IP67, Ex tD A21 IP67 T85℃" (UV/IR flame detector) (Korea Gas Safety Corporation)

Certification

KFI Certification

DYM50-CAM-GE IR3/CAM Type	DYM30-CAM-GE UV/IR/CAM Type	DYM-50-GE IR3 Type	DYM-30-GE UV/IR Type	DY-50-EX IR3 (explosion-proof)	DYFD-EX1NV3 IR3 (explosion-proof)	DYFD-EX2NV3 UV/IR (explosion-proof)	DYFD-EX1CV5 IR3/CAM (explosion-proof)	DYFD-EX2CV5 UV/IR/CAM (explosion-proof)

Electromagnetic Compatibility Certificate

DYM-30-GE UV/IR Type	DYM-50-GE IR3 Type	DYM30-CAM-GE UV/IR/CAM Type	DYM50-CAM-GE IR3/CAM Type	DY-50-EX IR3 (explosion-proof)	DYFD-EX2CV5 UV/IR/CAM (explosion-proof)	DYFD-EX1CV5 IR3/CAM (explosion-proof)	DYFD-EX1NV3 IR3 (explosion-proof)	DYFD-EX1NV3 UV/IR (explosion-proof)

Explosion-proof safety certificate

DYFD-EX1NV3(IR3) Ex ⅡC T6 IP67	DYFD-EX1NV3(IR3) Ex tD A21 IP67 85℃	DYFD-EX2NV3(UV/IR) Ex ⅡC T6 IP67	DYFD-EX2NV3(UV/IR) Ex tD A21 IP67 85℃	DYFD-EX1CV5(IR3/CAM) Ex ⅡC T6 IP67	DYFD-EX1CV5(IR3/CAM) Ex tD A21 IP67 85℃	DYFD-EX2CV5(UV/IR/CAM) Ex ⅡC T6 IP67 Ex tD A21 IP67 85℃	DYFD-EX2CV5(UV/IR/CAM) Ex ⅡC T6 IP67 Ex tD A21 IP67 85℃

Registration / Certificate

ISO9001-2015 Certification	ISO14001-2015 Certification	T6 certificate	Venture company Certificate	Public Procurement Service registration certificate	Taegojong Disaster Prevention Agreement	Small business Confirmation

Patent

patent certificate

Patent (제10-1924854호)	Patent (제10-1953878호)	Patent (제10-1975861호)	Patent (제10-1993658호)	Patent (제10-1993660호)	Patent (제20-2016-0002136)

Korea's First!
Implementation of mobile application

Integrated CCTV and flame detection technology

Immediate alarm notifications to your phone!

Check CCTV live feeds through your phone.
Easily locate starting point of the fire and respond rapidly
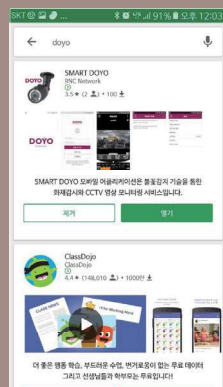
Insert mobile application

Check live CCTV footage

Receive alarms immediately in times of fire

Integration of CCTV and Flame detection!

Full HD footage 2 mega pixels	100 degrees point of view Inspect 30M/50M	CMS Multi Monitoring	Record before and after the fire

Regular features of CCTV

CCTV

DVR

Inspection monitors & PC

Regular features of Fire Prevention Systems

Flame detector

Fire receiver

Remote location for surveillance
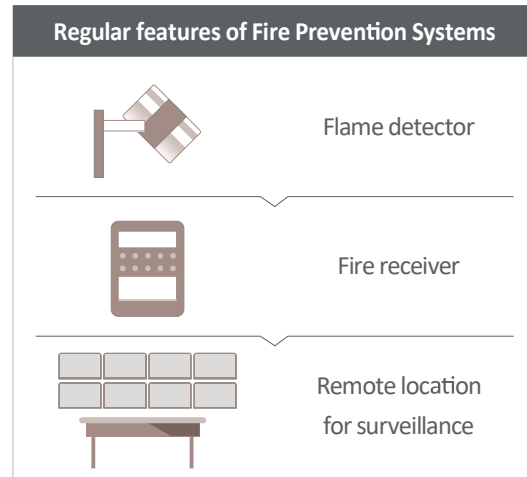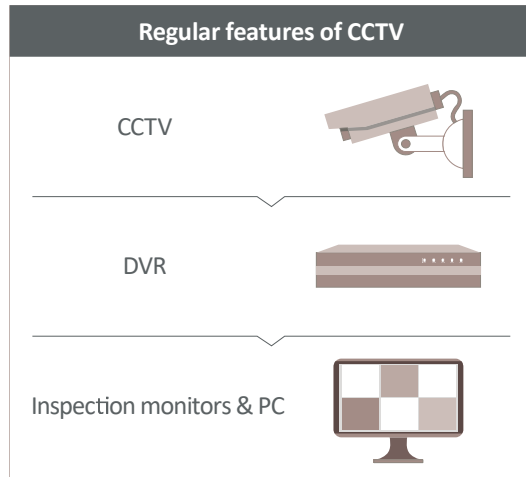
Rids of the discomfort of installing separate CCTV and flame detection system

Install CCTV and flame detection system, at the same time!

Integrated CCTV and flame detection technology

Fire detection DVR

Check from PCs all over the country

Check CCTV and alarms 24/7

Receive alarm notifications and site footage through email

＊ Applicable Models
－ Standard Type : DYM50－CAM－GE（Standard Type IR3）,DYM30－CAM－GE（Standard Type UV/IR）
　　　　　　　　　DYM50－CAM－GIP（Standard Type IR3）,DYM30－CAM－GIP（Standard Type UV/IR）
－ Ex Type :　　　DYFD－EX1CV5（Ex Type IR3）,DYFD－EX2CV5（EX Type UV/IR）

Experience the reasonably priced, integration of CCTV and flame detector

24 , check CCTV footage from all over the world

0 , monthly fee

1 , installation process, easy and simple

DOYO CMS that can be checked in real time 24 hours

144 units can be monitored per screen!
Unlimited additional screens can be connected!

Complete differentiation with technology that is incomparable
to existing off-the-shelf DVR-compatible CCTV integrated
flame detectors through self-development and self-server
operation of the most suitable solution for the characteristics
of the flame detector.
A leading company in the cctv integrated flame detector field with superior
technology compared to other companies!

CCTV integrated innovative solution function

DOYO dedicated application development	DOYO dedicated server operation (Not a rental server)	Developed CMS solution for DOYO	Detector position setting function (Not a simple channel display function)	Firmware upgrade remote support automatic installation function

Large corporation that installed CCTV integrated flame detector

SAMSUNG 삼성전기 Samsung Electro-Mechanics	POSCO	HYUNDAI L & C	Coca-Cola
CAU 중앙대학교병원 CHUNG-ANG UNIVERSITY HOSPITAL	여수시 Yeosu Goblin Traditional Market	영등포구 YEONGDEUNGPO-GU Yeongdeungpo Traditional Market	빙그레 Binggrae
ILJIN GLOBAL	ILJIN Corp	ILJIN BEARING	농협 하나로마트 Nonghyup Hanaro Mart

DYM30-GE

Flame Detector capable of detecting ultraviolet and infrared energy emitted from the flames while disregarding factors from sunlight, halogen, and etc, increasing reliability and stability of the product.
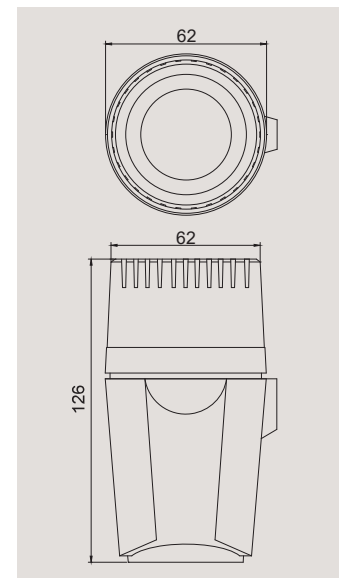
62

62

126

(Patent Number: 10−1975861) Flame detector with multi−axis rotation structure

Product Features

- Dual Core MCU allows for faster and more precise transmission of fire data

- Lower risk of false data analysis and failures with multiple flame analysis algorithms working at the Same time

- Able to change the angle of the camera with the ease with 8 different adjustable angles

- Able to know flaws in the system through FAULT system

Product Specification

Specification	Reusable type, Indoor and Outdoor use, Water-Proof type, Infraed. Ultraviolet Composite type
Sensor Distance	30M
Field of View (Angle)	100˚
Arc Welding Separation	1M or more
Power	DC 24V±20%
Current	Standby State : −20mA working condition : 25mA
Temperature	−20℃ ~ 80℃
Size	62mm × 62mm × 126mm
LED COLOR	GreenLED: Ready/ RedLED: Fire/ Green,Red Blink: FAULT
Output Signal	Relay Signal(COM, NO, NC), 4~20mA

DYM50-GE2

Flame Detector equipped with3 infrared sensors for efficient flame analysis increasing reliability and stability of the flame detector

(Patent Number: 10−1975861) Flame detector with multi−axis rotation structure
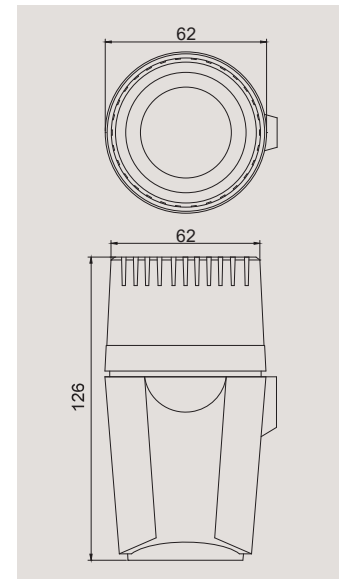
Product features

- Dual Core MCU allows for faster and more precise transmission of fire data

- Lower risk of false data analysis and failures with Imultiple flame analysis algorithms working at the Same time

- Field of View increased from 90 degrees to 100degrees to open field of view

- Able to change the angle of the camera wvith the ease with 8 different adjustable angles

- Able to know flaws in the system through FAULT system

Product Specification

Specification	Reusable type, Indoor and Outdoor use, Water-Proof type, Infraed. Composite type
Sensor Distance	50M
Field of View (Angle)	90˚
Arc Welding Separation	3M or more
Power	DC 24V±20%
Current	Standby State : −20mA working condition : 25mA
Temperature	−20℃ ~ 80℃
Size	62mm × 62mm × 126mm
LED COLOR	GreenLED: Ready/ RedLED: Fire/ Green,Red Blink: FAULT
Output Signal	Relay Signal(COM, NO)

DYM50-GE

화재발생시 발생되는 화원에서 적외선의 파장대역을 IR센서 3개를 이용하여 정확하고
신속하게 분석하여 비화재보을 최소화하여 신뢰성 높은 화재신호를 송출하는 불꽃감지기

(특허 : 제 10-1993658호)
*다축 회동 구조를 갖는 불꽃감지기

67

126
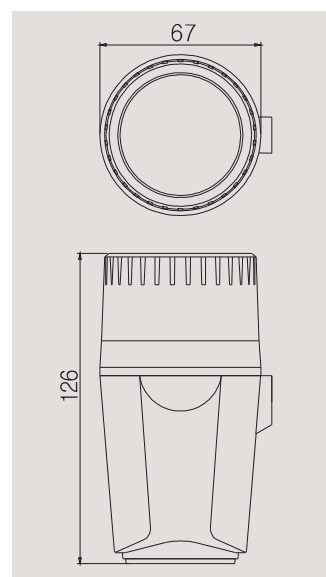
제품 특징

- Dual Core MCU 설계로 보다 빠르고 정확한 화재대역
  분석과 통신 및 전류 출력을 동시에 처리하여 정확하고
  신속한 화재신호를 출력함

- 다양한 화재분석기법 알고리즘을 적용시켜 비화재보에
  의한 오작동을 최대한 배제시킴으로써 안전성 및
  신뢰성을 향상시킴

- 시야각을 90도에서 100도로 적용하여 감시반경을 확대함

- 브라켓 일체형으로써 설치각도를 8단계로 구분하여
  누구나 원하는 각도로 쉽게 설치가 가능함

- FAULT 이상 유무를 확인할 수 있는 표시기능 확보

제품 사양

형식	재용형, 옥내/옥외형, 방수형, 적외선식
감지거리	50M
시야각	100도
아크용접 이격거리	3M 이상
사용전원	DC 24V±20%
소모전류	대기시-20mA 작동시-30mA
사용온도	-20℃ ~ 80℃
크기	67mm × 67mm × 126mm
LED COLOR	녹색LED:대기 / 적색LED:화재 / 녹,적 교차:FAULT
화재출력신호	릴레이접점식(COM,NO)

DY-30-EX1 (DYFD-EX2NV3)

Explosion-Proof Rating : Ex d ⅡC T6 IP67
Ex tD A21 IP67 T85℃

Flame Detector equipped with sensors for Ultraviolet/Infrared light while disregarding false fire alarm factors(sunlight, halogen, welding sparks) for safe and reliable fire detection.

Product Features

• Dual Core MCU allows for faster and more accurate transmission of fire analysis and current output

• Lower risk of false data analysis and failures with multiple flame analysis algorithms working at the same time

• Combination of analog and digital sensors for minimizing false fire alarms
(Patent Number: 10-1975861)
*Luminance Sensor equipped Flame Detector

• FAULT System detects any flaws in the system

• Bracket included

Product Specification

Specification	Explosion-Proof, Reusable, Indoor and Outdoor, Waterproof, Infrared
Sensor Distance	30M
Field of View (Angle)	100°
Arc Welding Separation	1M or more
Power	DC 24V±20%
Current	Standby State : -20mA working condition : 25mA
Temperature	-20℃ ~ 80℃
Size	93mm × 93mm × 92.5mm
LED COLOR	GreenLED: Ready/ RedLED: Fire/ Green,Red Blink: FAULT
Output Signal (Fire)	Relay Signal(COM, NO, NC), 4~20mA
Output Signal (Fault)	Relay Signal(COM, NO, NC), 0mA
Explosion- Proof Level	Ex d ⅡC T4 IP67, Ex d ⅡC T6 IP67 Ex tD A21 IP67 85℃

DY-50-EX1 (DYFD-EX1NV3)

Explosion-Proof Rating : Ex d Ⅱ C T6 IP67
Ex tD A21 IP67 T85℃

Flame Detector equipped with 3 IR sensors for fast and accurate fire analysis while disregarding false fire alarm factors (sunlight, halogen, welding sparks) for reliable fire detection.

93
92,5
93

Product Features

- Dual Core MCU allows for faster and more accurate transmission of fire analysis and current output

- Lower risk of false data analysis and failures with multiple flame analysis algorithms working at the same time

- Combination of analog and digital sensors for minimizing false fire alarms
  (Patent Number: 10-1975861)
  *Luminance Sensor equipped Flame Detector

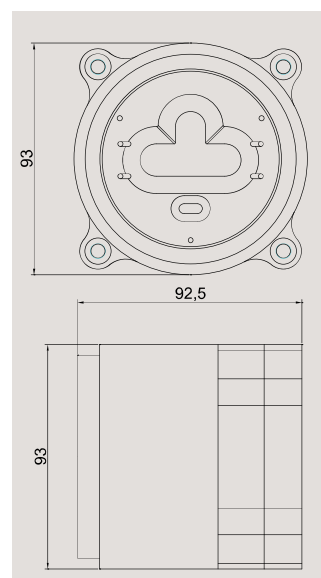- FAULT System detects any flaws in the system

- Bracket included

Product Specification

Specification	Explosion-Proof, Reusable, Indoor and Outdoor, Waterproof, Infrared
Sensor Distance	50M
Field of View (Angle)	90°
Arc Welding Separation	1M or more
Power	DC 24V±20%
Current	Standby State : -20mA working condition : 25mA
Temperature	-20℃ ～ 80℃
Size	93mm × 93mm × 92.5mm
LED COLOR	GreenLED: Ready/ RedLED: Fire/ Green,Red Blink: FAULT
Output Signal (Fire)	Relay Signal(COM, NO, NC), 4～20mA
Output Signal (Fault)	Relay Signal(COM, NO, NC), 0mA
Explosion-Proof Level	Ex d Ⅱ C T4 IP67, Ex d Ⅱ C T6 IP67 Ex tD A21 IP67 85℃

DYM30-CAM-GE

Contains both infrared and ultraviolet sensor for maximum efficiency in times of fire Films the site 247 with HD CCTV live stream of 2 Mega Pixels

(Patent Number: 10-1975861) Flame detector with multi-axis rotation structure

Product features

- Able to monitor the site 24/7 through its HD CCTVlive stream

- Able to sense ultraviolet and infrared

- Able to record site before and after the fire, simplifying the process of analyzing and inspecting the fire site

- Able to have multiple monitors through CMS communication system

- Able to change the angle of the camera with the ease with & different adjustable angles

- Able to check CCTV live stream and receive alarms on mobile phone

- Able to know flaws in the system through FAULT System

Product Specification

Specification	Reusable type, Indoor and Outdoor use, Water-Proof type, Infraed.Ultraviolet Composite type
Sensor Distance	30M
Field of View (Angle)	100°
Arc Welding Separation	3M or more
Power	DC 24V±20%
Current	Standby State : −20mA working condition : 25mA
Camera Quality	HD 2M pixel (Analog Type)
Temperature	−20℃ ～ 80℃
Size	62mm × 62mm × 126mm
LED COLOR	GreenLED: Ready/ RedLED: Fire/ Green,Red Blink: FAULT
Output Signal	Relay Signal(COM, NO)

DYM50-CAM-GE

Contains both infrared sensor for maximum efficiency in times
of fire Films the site 247 with HD CCTV live stream of 2 Mega Pixels

(Patent Number: 10-1975861) Flame detector with multi-axis rotation structure
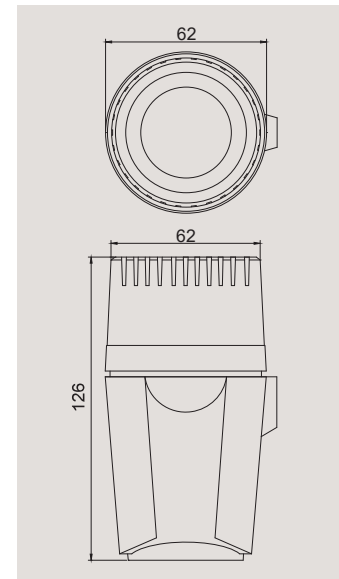
Product features

- Able to monitor the site 24/7 through its HD CCTVlive stream

- Able to sense ultraviolet and infrared

- Able to record site before and after the fire, simplifying the process of analyzing and inspecting the fire site

- Able to have multiple monitors through CMS communication system

- Able to change the angle of the camera with the ease with & different adjustable angles

- Able to check CCTV live stream and receive alarms on mobile phone

- Able to know flaws in the system through FAULT System

Product Specification

Specification	Reusable type, Indoor and Outdoor use, Water-Proof type, Infraed type
Sensor Distance	50M
Field of View (Angle)	100°
Arc Welding Separation	3M or more
Power	DC 24V±20%
Current	Standby State : -20mA working condition : 25mA
Camera Quality	HD 2M pixel (Analog Type)
Temperature	-20℃ ～ 80℃
Size	62mm × 62mm × 126mm
LED COLOR	GreenLED: Ready/ RedLED: Fire/ Green,Red Blink: FAULT
Output Signal	Relay Signal(COM, NO)

DYM30-CAM-GIP

Flame Detector equipped with both UV/IR sensors for flamedetection. At the same time, fused with Full-HD 2MG IP CAM which records before, during and after the fire for more thorough fire safety.

Product Features

• Equipped with Full HD CCTV for real-time monitoring and efficient fire prevention

• Combination of IR and UV Sensors for more reliability

• Full recording of fire site allows for accurate analysis and diagnosis of the accident

• CMS allows for multi-monitoring

• Real-time feed and fire alarm delivered to mobile phone for quicker response to situation

• FAULT System detects any flaws in the system

Product Specification

Specification	Reusable, Indoor and Outdoor, Waterproof, Ultraviolet/Infrared
Sensor Distance	30M
Field of View (Angle)	100°
Arc Welding Separation	3M or more
Power	DC 24V±20%
Current	Standby State : -20mA working condition : 25mA
Temperature	-20℃ ~ 80℃
Size	67mm × 67mm × 126mm
LED COLOR	GreenLED: Ready/ RedLED: Fire/ Green,Red Blink: FAULT
Output Signal (Fire)	Relay Signal(COM, NO, NC),
Camera Resolution	Full-HD 2MG (IP LAN)

DYM50-CAM-GIP

Flame Detector equipped with both IR sensors for flamedetection. At the same time, fused with Full-HD 2MG IP CAM which records before, during and after the fire for more thorough fire safety.

Product Features

• Equipped with Full HD CCTV for real-time monitoring and efficient fire prevention

• Combination of IR and UV Sensors for more reliability

• Full recording of fire site allows for accurate analysis and diagnosis of the accident

• CMS allows for multi-monitoring

• Real-time feed and fire alarm delivered to mobile phone for quicker response to situation

• FAULT System detects any flaws in the system

Product Specification

Specification	Reusable, Indoor and Outdoor, Waterproof, Ultraviolet/Infrared
Sensor Distance	30M
Field of View (Angle)	90°
Arc Welding Separation	10M or more
Power	DC 24V±20%
Current	Standby State : -20mA working condition : 25mA
Temperature	-20℃ ~ 80℃
Size	67mm × 67mm × 126mm
LED COLOR	GreenLED: Ready/ RedLED: Fire/ Green,Red Blink: FAULT
Output Signal (Fire)	Relay Signal(COM, NO, NC),
Camera Resolution	Full-HD 2MG (IP LAN)

DY30-CAM-EX

Offcial Model Name : DYFD-EX2CV5

Explosion-Proof Rating : Ex d ⅡC T6 IP67
Ex tD A21 IP67 T85℃

Flame Detector equipped with both UV/IR sensors for flame detection. At the same time, fused with Full-HD 2MG CCTV which records before, during and after the fire for more thorough fire safety.

123
98,5
132

Patent Number: 10-1975861
(Luminance Sensor equipped Flame Detector)

Product Features

- Equipped with Full HD CCTV for real-time monitoring and efficient fire prevention

- Combination of IR and UV Sensors for more reliability

- Full recording of fire site allows for accurate analysis and diagnosis of the accident

- CMS allows for multi-monitoring

- Real-time feed and fire alarm delivered to mobile phone for quicker response to situation

- FAULT System detects any flaws in the system
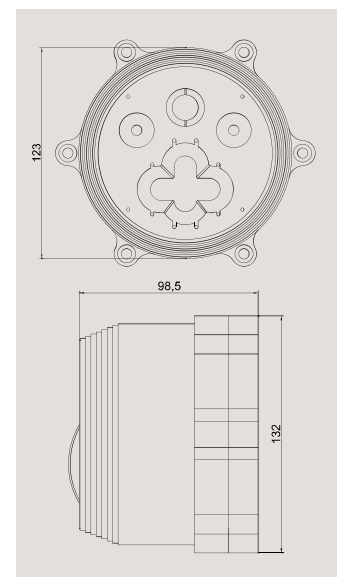
Product Specification

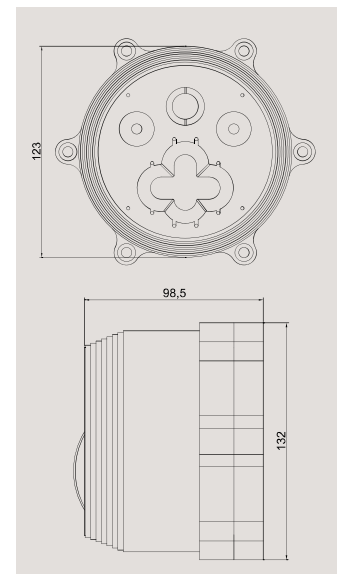| Specification	Explosion-Proof, Reusable, Indoor and Outdoor, Waterproof, Ultraviolet/Infrared
Sensor Distance	30M
Field of View (Angle)	100˚
Arc Welding Separation	1M or more
Power	DC 24V±20%
Current	Standby State : -20mA working condition : 25mA
Temperature	-20℃ ~ 80℃
Size	123mm × 123mm × 98.5mm
LED COLOR	GreenLED: Ready/ RedLED: Fire/ Green,Red Blink: FAULT
Output Signal (Fire)	Relay Signal(COM, NO, NC), 4~20mA
Output Signal (Fault)	Relay Signal(COM, NC), 0mA
Explosion-Proof Level	Ex d ⅡC T6 IP67 Ex tD A21 IP67 85℃
Camera Resolution	Full-HD 2MG (Analog)

DY50-CAM-EX

Offcial Model Name : DYFD-EX1CV5

Explosion-Proof Rating : Ex d ⅡC T6 IP67
                          Ex tD A21 IP67 T85℃

Flame Detector equipped with both IR sensors for flamedetection. At the same time, fused with Full-HD 2MG CCTV which records before, during and after the fire for more thorough fire safety.

Patent Number: 10-1975861
(Luminance Sensor equipped Flame Detector)

Product Features

- Equipped with Full HD CCTV for real-time monitoring and efficient fire prevention

- Combination of IR and UV Sensors for more reliability

- Full recording of fire site allows for accurate analysis and diagnosis of the accident

- CMS allows for multi-monitoring

- Real-time feed and fire alarm delivered to mobile phone for quicker response to situation

- FAULT System detects any flaws in the system

Product Specification

Specification	Explosion-Proof, Reusable, Indoor and Outdoor, Waterproof, Infrared
Sensor Distance	50M
Field of View (Angle)	90˚
Arc Welding Separation	1M or more
Power	DC 24V±20%
Current	Standby State : -20mA working condition : 25mA
Temperature	-20℃ ~ 80℃
Size	123mm × 123mm × 98.5mm
LED COLOR	GreenLED: Ready/ RedLED: Fire/ Green,Red Blink: FAULT
Output Signal (Fire)	Relay Signal(COM, NO, NC), 4~20mA
Output Signal (Fault)	Relay Signal(COM, NC), 0mA
Explosion-Proof Level	Ex d ⅡC T6 IP67 Ex tD A21 IP67 85℃
Camera Resolution	Full-HD 2MG (Analog)

DVR (4CH, 16CH)

DVR that stores the data and footage from fire site and deliver video, message, and email to mobile device using IOT Technology(only compatible with CCTV installed Flame Detector)

Patent 10-1993660 (Fire Prevention Multipurpose Receiver)

Product Features

- HD Analog Camera Auto Recognition
  (1080P, 720P, 960H, TVI-3M/4M camera compatible)
- 4K Ultra HD Video (3840 x 2160) for 8CH/16CH
- Full HD Real-Time Recording and Monitoring
- H.264 High Profile Recorder
- 4/8/16 BNC Cable Compatible
- Spot Out, HD Output, VGA Compatible
- Recording Mode, Manual Mode, Full-time, Schedule, and Motion Direction Available
- SATA Communication
- RS485 Communication for PTZ Control
- Various Software Support (Mobile, Push Alarm)
- Spot Out, HD Output, VGA Compatible
- UTC Support
- Dual Streaming
- 2x, 4x, 8x Zoom Available
- Sequence ON/OFF (Auto Monitor Change)

Product Specification

Size/Channel	1U, 4CH / 16CH
Decoder	TVI+AHD+960H+CVI
Recording/ Playback Speed@1080P	240/200fps
Recording/ Playback Speed@720P	240/200fps
Video Input Terminal	8EA / 16EA
SATA INTERFACE	1EA / 4EA
USB	2.0 X 1, 3.0 X 1
HDMI, VGA	YES
RS-485	2EA (PTZ, Keyboard Controller)

NVR (16CH, 32CH)

NVR that stores the data and footage from fire site and deliver video, message, and email to mobile device using IOT Technology(only compatible with CCTV installed Flame Detector)

Patent 10-1993660 (Fire Prevention Multipurpose Receiver)

16CH NVR

32CH NVR

Product Features

- 128 network remote access

- Network Porocall : TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS

- Network Interface :
  2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface

- H.265+/H.265/H.264+/H.264 codec Support

- Max 1Ch@32 MP/2Ch@12 MP/16Ch@1080p Recording

Product Specification

IP Video input	Up to 12 MP resolution
HDMI output	1920×1080/60Hz, 1280×1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
VGA output	1920×1080/60Hz, 1280×1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Storage method	H.265+/H.265/H.264+/H.264/MPEG4
Storage resolution	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF
Serial port	1 RS-485 (half-duplex), 1 RS-232
SATA	4 SATA Interface
eSATA (option)	1 eSATA Interface
Storage Support Capacity	Max 10TB HDD

FLAME DETECTOR TEST DEVICE

Flame detector only for Flame Detectors detector testing in the field where the actual fire source (fire) cannot be usedIt is a test equipment.
UV/IR type and IR3 type flame detectors tests are possible.
If it is a third-party flame detector, it may not be possible to test.

Available Output :

- 8 Changeable flicker modes
- UV/IR, IR3 FLAME DETECTORS can all beused
- Laser Point Output for aiming

FLAME DETECTOR POWER

Flame Detector dedicated power supply. Constant low voltage current best suited for delivering power to flame detectors.
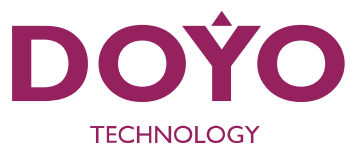
Smaller Site Type	Production Site Type	Rack Mount Type
3A, 5A	3A,5A,10A	10A, 20A

DOYO

TECHNOLOGY