TAROPA
TECHNOLOGIES

Fire Alarm Product Catalogue

dahua TECHNOLOGY | WISUALARM

TABLE OF CONTENTS

Smart Home Fire Safety Solution

Protecting your home and loved ones is a top priority. Thanks to modern technology, it's now possible to establish a smart home fire safety ecosystem that offers robust protection against fire risks. By combining various connected devices, utilising wireless technology, and incorporating CCTV cameras, you can significantly improve your fire safety measures and enjoy greater peace of mind.

Solution Benefits

Early Detection

The smart home fire safety ecosystem enables early detection of potential fire incidents, allowing you to take prompt action and minimise damage.

Enhanced Connectivity

With wireless interconnected alarms and a gateway, the system ensures that all devices are synchronized. When one alarm is triggered, others in the network will activate simultaneously, ensuring that everyone in the house is alerted.

Real-time Alerts

Receive instant notifications on your smartphone or other connected devices, keeping you informed about potential fire hazards even when you're away from home.

Remote Monitoring

By integration with Dahua CCTV cameras, monitor the status of your fire safety system remotely and perform regular checks, ensuring optimal functioning of the devices.

Smoke Detection Products

DHI-HY-SA20A

10-year Replaceable Battery Standalone Smoke Alarm

- Operating Voltage: DC 3V
- Battery Life: 10 years
- Communication: Standalone
- Sensor type: Photoelectric chamber
- Notification: Visual and audible
- Standard: EN 14604:2005, AS 3786:2014

CE-CPR(EN14604) | AS3786

DHI-HY-SA30A

10-year Sealed Battery Standalone Smoke Alarm

- Operating Voltage: DC 3V
- Battery Life: 10 years
- Communication: Standalone
- Sensor type: Photoelectric chamber
- Notification: Visual and audible
- Standard: EN 14604:2005, AS 3786:2014

CE-CPR(EN14604) | AS3786

DHI-HY-SA40A

10-year Sealed Battery Standalone Smoke Alarm

- Operating Voltage: DC 3V
- Battery Life: 10 years
- Communication: Standalone
- Sensor type: Photoelectric chamber
- Notification: Visual and audible
- Standard: EN 14604:2005, AS 3786:2014

CE-CPR(EN14604) | AS3786

DHI-HY-SA30A-R8

10-year Wireless Interconnected Sealed Battery Smoke Alarm

- Operating Voltage: DC 3V
- Battery Life: 10 years
- Communication: 868 MHz
- Sensor type: Photoelectric chamber
- Standard: EN 14604:2005, AS 3786:2014
- Max. Interconnected Unit: 24pcs

CE-CPR(EN14604) | CE-RED | AS3786

DHI-HY-SA40A-R8

10-year Wireless Interconnected Sealed Battery Smoke Alarm

- Operating Voltage: DC 3V
- Battery Life: 10 years
- Communication: 868 MHz
- Sensor type: Photoelectric chamber
- Standard: EN 14604:2005, AS 3786:2014
- Max. Interconnected Unit: 24pcs

CE-CPR(EN14604) | CE-RED | AS3786

DHI-HY-SA5MA

Mains Powered Smoke Alarm with 10-year Sealed Rechargeable Battery Backup

- Operating Voltage: AC 100V - 250V, 50/60Hz
- Back-up Battery: Rechargeable lithium
- Sensor type: Photoelectric chamber
- Standard: EN 14604:2005, AS 3786:2014

CE-CPR(EN14604) | CE-EMC | AS3786

DHI-HY-SA5MB

Mains Powered Smoke Alarm with 9V 1-year Replaceable Battery Backup

- Operating Voltage: AC 100V - 250V, 50/60Hz
- Back-up Battery: Replaceable 9V alkaline
- Battery Life: about 1 year
- Sensor type: Photoelectric chamber
- Standard: EN 14604:2005, AS 3786:2014

CE-CPR(EN14604) | CE-EMC | AS3786

DHI-HY-SA2FA

WiFi Smoke Alarm

- Operating Voltage: DC 3V
- Battery Life: 2 years
- Communication: 2.4GHz WiFi
- Compatible software: Wisualarm App
- Sensor type: Photoelectric chamber
- Standard: EN 14604:2005, AS 3786:2014

CE-CPR(EN14604) | CE-EMC | AS3786

Carbon Monoxide Detection Products

DHI-HY-GC30A

10-year Sealed Battery Standalone Carbon Monoxide Alarm with Temperature and Humidity Detection (LCD always displayed)

- Power Supply: DC 3V CR7450 lithium sealed battery
- Battery Life: 10 years
- Communication: Standalone
- Sensor type: Electrochemical
- Notification: Visual and audible
- Standard: EN 50291-1

CE (EN50291-1:2018)

DHI-HY-GC30A-R8

10-year Sealed Battery Wireless Interconnected Carbon Monoxide Alarm with Temperature and Humidity Detection (LCD always displayed)

- Operating Voltage: DC 3V CR7450 lithium sealed battery
- Battery Life: 10 years
- Communication: 868 MHz
- Sensor type: Electrochemical
- Standard: EN 50291-1
- Max. Interconnected Unit: 24pcs

CE (EN50291-1:2018) | CE-RED

Heat Detection Products

DHI-HY-HT10A

10-year Sealed Battery Standalone Heat Alarm

- Power Supply: Sealed DC 3V CR123A lithium battery
- Battery Life: 10 years
- Communication: Standalone
- Sensor type: Thermistor
- Notification: Visual and audible
- Standard: BS 5446-2:2003

CE (BS 5446-2: 2003)

DHI-HY-HT10A-R8

10-year Sealed Battery Wireless Interconnected Heat Alarm

- Power Supply: Sealed DC 3V CR123A lithium battery
- Battery Life: 10 years
- Communication: 868 MHz
- Sensor type: Thermistor
- Standard: BS 5446-2:2003
- Max. Interconnected Unit: 24pcs

CE (BS 5446-2: 2003) | CE-RED

DHI-HY-HT5MA

Mains Powered Heat Alarm with 10-year Sealed Rechargeable Battery Backup

- Operating Voltage: AC 100V - 250V, 50/60Hz
- Back-up Battery: Rechargeable lithium
- Sensor type: Thermistor
- Standard: BS 5446-2:2003

CE (BS 5446-2: 2003)

DHI-HY-HT5MB

Mains Powered Heat Alarm with 9V 1-year Replaceable Battery Backup

- Operating Voltage: AC 100V - 250V, 50/60Hz
- Back-up Battery: Replaceable 9V alkaline
- Battery Life: about 1 years
- Sensor type: Thermistor
- Standard: BS 5446-2:2003

CE (BS 5446-2: 2003)

Combustible Gas Detection Products

DHI-HY-GA40A

Standalone Natural Gas Alarm

- Power Supply: DC 12V 1A, European Standard Adapter Default
- Gas Type: Natural gas (methane)
- Communication: Standalone
- Notification: Visual and audible (LED indicators and built-in buzzer)

CE/FCC

DHI-HY-GB40A

Standalone LPG Alarm

- Power Supply: DC 12V 1A, European Standard Adapter Default
- Gas Type: LPG (propane)
- Communication: Standalone
- Notification: Visual and audible (LED indicators and built-in buzzer)

CE/FCC

CCTV Products

DHI-HY-FT431LFP

Flame Detection Bullet Network Camera

- DC12V / PoE
- 1/2.7" CMOS, 4.0mm focal length
- H.265; H.264;
- Thermal effective pixels: 120 x 90
- 4MP Max. Resolution
- 10m flame detection distance
- 1 RJ-45 PoE 10M/100M Ethernet ports
- Audible and visible alarm notification
- 1CH Alarm Input, 1CH Alarm Output

CE/UKCA

DHI-HY-FT121LDP

Flame Detection Network Camera (PAL)

- DC12V / PoE
- PAL standard
- 1/2.7" CMOS, 4.0mm focal length
- H.265; H.264;
- Horizontal: 86˚; Vertical: 46˚; Diagonal: 101˚
- 2MP Max. Resolution
- Max. Frame Rate: 1920 × 1080@25fps
- 10m flame detection distance
- 1 RJ-45 PoE 10M/100M Ethernet ports
- Audible and visible alarm notification
- 1CH Alarm Input, 1CH Alarm Output

CE/UKCA

DHI-HY-FT431LDP

Flame Detection Network Camera Pro

- DC12V / PoE
- 1/2.7" CMOS, 4.0mm focal length
- H.265; H.264;
- Horizontal: 86˚; Vertical: 46˚; Diagonal: 101˚
- 4MP Max. Resolution
- 10m flame detection distance
- 1 RJ-45 PoE 10M/100M Ethernet ports
- Audible and visible alarm notification
- 1CH Alarm Input, 1CH Alarm Output

CE/UKCA

DHI-HY-SAV849HAP-E

Smoke Sensing Network Camera (PAL)

- DC12V / PoE and 3V lithium battery
- 1/2.7" CMOS, 2.0mm focal length
- H.265; H.264;
- Horizontal: 144˚; Vertical: 92˚; Diagonal: 179.6˚
- 5MP Max. Resolution
- Max. Frame Rate: 2592 × 1944@20fps
- 30 m2–60 m2 Smoke Detection Protection Area
- 1 RJ-45 PoE 10M/100M Ethernet ports
- At least 80 dB (A) @ 3 m Alarm Sound Pressure
- 2CH Alarm Input, 2CH Alarm Output
- Intelligent Flame Detection Algorithm

CE/FCC | CE-CPR(EN 14604)

DHI-HY-SAV849HAP-ET

Smoke Sensing Network Camera Plus (PAL)

- DC12V / PoE and 3V lithium battery
- 1/2.7" CMOS, 2.0mm focal length
- H.265; H.264;
- Horizontal: 144°; Vertical: 92°; Diagonal: 179.6°
- 5MP Max. Resolution
- PAL Standard
- Max. Frame Rate: 2592 × 1944@20fps
- 30 m2–60 m2 Smoke Detection Protection Area
- 1 RJ-45 PoE 10M/100M Ethernet ports
- At least 80 dB (A) @ 3 m Alarm Sound Pressure
- 2CH Alarm Input, 2CH Alarm Output
- Intelligent Flame Detection Algorithm
- Temperature and Humidity Detection

CE/FCC | CE-CPR(EN 14604)

Other

DHI-HY-GW01A

Wireless Gateway (Lite)

- DC 5V/1A, USB Type-C power supply
- Alarm volume: 70 dB
- Communication: 2.4 GHz Wi-Fi or Ethernet
- RF: 868 MHz, for communicating with wireless interconnected detectors

CE, UKCA

DHI-HY-GW02A

Wireless Mains Powered Gateway (Pro)

- Power Supply: AC100V-AC240V power supply accompanied by rechargeable lithium battery back-up
- Alarm volume: 70 dB
- Communication: 2.4 GHz Wi-Fi, Ethernet or 4G
- RF: 868 MHz, for communicating with wireless interconnected detectors

CE, UKCA

DHI-HY-ES10A-R8

Environmental Sensor

- DC 3V sealed lithium battery
- 10-year battery life
- Communication: 868 MHz
- Temperature Accuracy: ±0.1˚C typical
- Humidity Accuracy: ±1.5%RH typical

CE, UKCA

DHI-HY-MRF50-R8

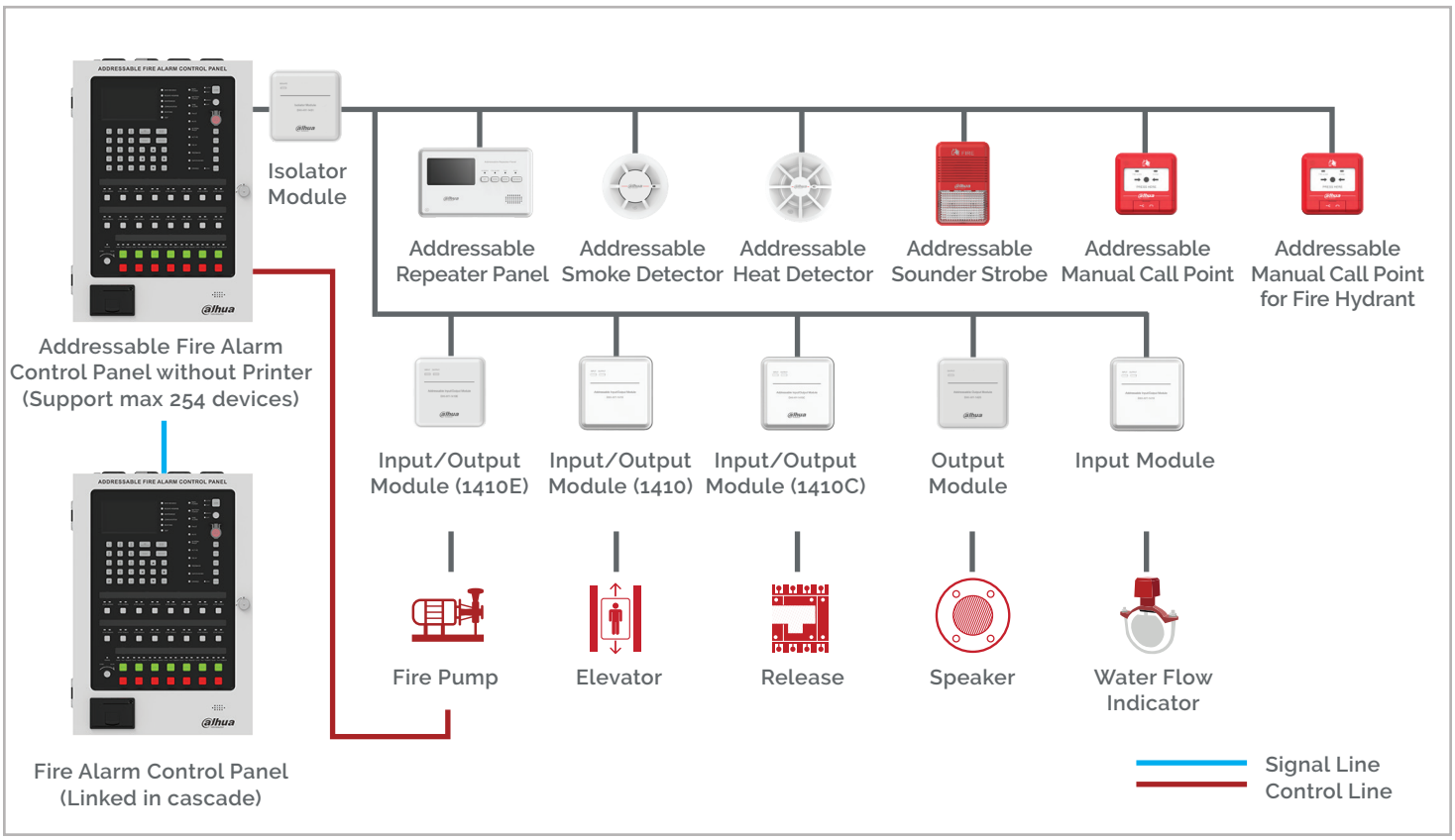
Wireless Interconnected Module (868MHz)

- Compatible with mains alarms, SA5MA/SA5MB, HT5MA/HT5MB
- Power from alarm head
- Communication: 868 MHz

CE, UKCA

Addressable Fire Alarm Systems

Addressable fire alarm systems use a loop or network of wires to connect all the devices to a central control panel, each device, is assigned a unique address or location.



Application Areas
(Large Buildings)

Hotels

Hospitals

Schools

DHI-HY-1022

Addressable Fire Alarm Control Panel without Printer

- Loop Number: 1
- Loop Capacity: 254 max
- Main Power: AC 90-240V/50Hz, 60Hz
- Back-up Battery: 2x 12V/5Ah battery

EN54-2/4

DHI-HY-1025

Addressable Fire Alarm Control Panel without Printer

- Loop Number: 2
- Loop Capacity: 254 max per loop
- Main Power: AC 90-240V/50Hz, 60Hz
- Back-up Battery: 2x 12V/5Ah battery

EN54-2/4

DHI-HY-1301

Addressable Smoke Detector (without base)

- Input Voltage: DC 24V(16V-28V)
- Standby Current: ≤ 0.18mA
- Alarm Current: ≤ 0.28mA
- Indicator: Red LED
- Programmable Range: 1-254

EN54-7

DHI-HY-1310

Addressable Heat Detector (without base)

- Input Voltage: DC 24V(16V-28V)
- Standby Current: ≤ 0.18mA
- Alarm Current: ≤ 0.28mA
- Indicator: Red LED
- Programmable Range: 1-254

EN54-5

DHI-HY-1200

Addressable Manual Call Point (without base)

- Input Voltage: DC 24V(16V-28V)
- Standby Current: ≤ 0.1mA
- Alarm Current: ≤ 0.17mA
- Indicator: Red LED
- Programmable Range: 1-254

EN54-11

DHI-HY-1500

Addressable Sounder Strobe (without base)

- Input Voltage: DC 24V(16V-28V)
- Standby Current: ≤ 0.12mA
- Alarm Current: ≤ 7mA
- Sound Output: 75-115 dB(A) at 3 m
- Programmable Range: 1-254

EN54-3/23

DHI-HY-1330

Addressable Repeater Panel (with base)

- Input Voltage: DC 24V(16V-28V)
- Display: LCD (64X128)
- Memory: Up to 999 alarm logs
- Indicator: Normal(green), Alarm (red), Test (yellow), Silence (yellow)
- Standby Current: ≤ 2mA
- Alarm Current: ≤ 10mA
- Sound Output: 65-115 dB(A) at 1 m
- Programmable Range: 1-254

EN54-2

DHI-HY-1400

Addressable Input Module (without base)

- Input Voltage: DC 24V(16V-28V)
- Standby Current: ≤ 0.15mA
- Alarm Current: ≤ 0.19mA
- Indicator: Red LED
- Programmable Range: 1-254

EN54-18

DHI-HY-1410

Addressable Input/Output Module with Passive Output (without base)

- Input Voltage: DC 24V(16V-28V)
- Output: Passive output DC 30V/2A
- Standby Current: ≤ 0.15mA
- Alarm Current: ≤ 9mA
- Indicator: Red LED
- Programmable Range: 1-254

EN54-18

DHI-HY-1431

Isolator Module (without base)

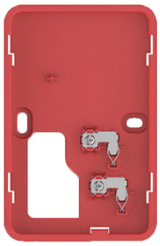
- Non-addressable
- Input Voltage: DC 24V(16V-28V)
- Standby Current: ≤ 0.15mA
- Alarm Current: ≤ 8mA
- Short Circuit Protection Current: 450mA
- Indicator: Red LED
- Programmable Range: 1-254

EN54-17

DHI-HY-TCDZ

Detector Base

- Base for detector
- Should be ordered with detectors



DHI-HY-SGDZ

Sounder Strobe Base

- Base for sounder strobe
- Should be ordered with sounder strobe

DHI-HY-ANDZ

Manual Call Point Base

- Base for manual call point
- Should be ordered with manual call point

DHI-HY-MKDZ2

Module Base

- Base for module
- Should be ordered with module

DHI-HY-BM-1712

New Encoder

- Used to set the address on detectors, MCPs,modules, sounders

DHI-HY-BD1

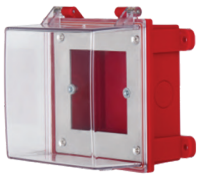
Linear Beam Detector

- Input Voltage: DC 24V(18V-36V)
- Working Distance: 5-100m
- Adjustment Angle: About ±5° up and ±10° down
- Installation Angle: <15° offset :±0.2 m/60 m
- Indicator: Red and blue LED

DH-HSG01

Water-proof Box for Sounder Strobe

- Water-proof Box for Sounder Strobe



DH-HAN01

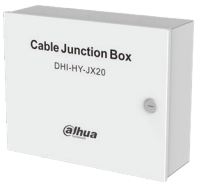
Water-proof Box for Manual Call Point

- Water-proof Box for Manual Call Point

DHI-HY-MX04

The Module Box

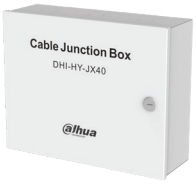
- Used to protect the modules



DHI-HY-JX20

Cable Junction Box

- Used to protect the line terminals of device
- 20 inputs, 20 outputs



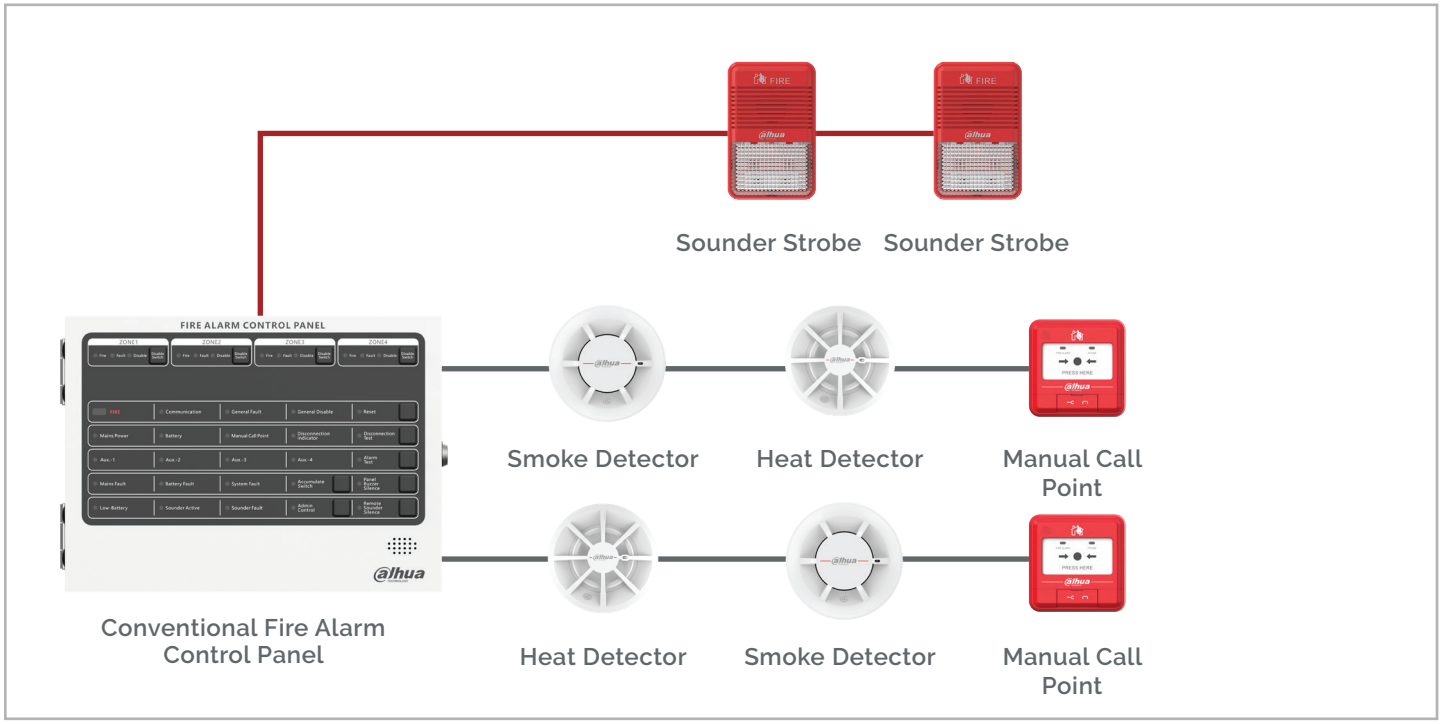
DHI-HY-JX40

Cable Junction Box

- Used to protect the line terminals of device
- 40 inputs, 40 outputs

Conventional Fire Alarm Systems

Conventional fire alarm systems are made up of zones. Multiple devices, both initiating and notification devices, make up a zone which connect to the main control panel.



Application Areas

(Small to Medium Sized Buildings)

Stores

Restaurants

Small Warehouses

DHI-HY-C102-4

Conventional Fire Alarm Control Panel - 4 Zones

- Zone Number: 4
- Capacity on Each Zone: 25
- Main Power: AC 90-220V/50Hz, 60Hz
- Back-up Battery: 2x 12V/2.5Ah battery
- Dimensions: 310mm x 227mm x 73mm

EN54-2/4

DHI-HY-C102-6

Conventional Fire Alarm Control Panel - 6 Zones

- Zone Number: 6
- Capacity on Each Zone: 25
- Main Power: AC 90-220V/50Hz, 60Hz
- Back-up Battery: 2x 12V/2.5Ah battery
- Dimensions: 310mm x 227mm x 73mm

EN54-2/4

DHI-HY-C102-8

Conventional Fire Alarm Control Panel - 8 Zones

- Zone Number: 8
- Capacity on Each Zone: 25
- Main Power: AC 90-220V/50Hz, 60Hz
- Back-up Battery: 2x 12V/2.5Ah battery
- Dimensions: 310mm x 227mm x 73mm

EN54-2/4

DHI-HY-C131

2-Wire Conventional Smoke Detector (with base)

- Input Voltage: DC16V-DC28V
- Standby Current: ≤ 0.18mA
- Alarm Current: ≤ 0.28mA
- Indicator: Red LED

EN54-7

DHI-HY-C132

2-Wire Conventional Heat Detector (with base)

- Input Voltage: DC16V-DC28V
- Standby Current: ≤ 0.18mA
- Alarm Current: ≤ 0.28mA
- Indicator: Red LED

EN54-5

DHI-HY-C121

2-Wire Conventional Manual Call Point (with base)

- Input Voltage: DC16V-DC28V
- Standby Current: ≤ 0.1mA
- Alarm Current: ≤ 0.17mA
- Indicator: Red LED

EN54-11

DHI-HY-C151

2-Wire Conventional Sounder Strobe (with base)

- Input Voltage: DC16V-DC28V
- Standby Current: ≤ 0.12mA
- Alarm Current: ≤ 7mA
- Sound Output: 75-115 dB(A) at 3 m

EN54-3/23

DHI-HY-C123

Round Conventional Manual Call Point

- Input Voltage: DC 24V
- Working Current: ≤ 0.17mA
- Product size: 90 mm × 90 mm × 34 mm(with base)

CE

DHI-HY-C154

Conventional Sounder

- Input Voltage: DC12V-DC25V
- Supply Current: 70 mA
- Strobe Frequency: 80-120 times/minute
- Sound Level Pressure: ≥95 dB

CE

DHI-HY-C155

Conventional Red Strobe Light

- Input Voltage: DC 24V
- Supply Current: 50 mA
- Strobe Frequency: 80-120 times/minute

CE

DHI-HY-C133

4-Wire Conventional Smoke Detector (with base)

- Input Voltage: DC9V-DC28V
- Standby Current: ≤ 0.35mA
- Alarm Current: ≤ 0.1mA
- Indicator: Red LED

CE

DHI-HY-C122

2-Wire Conventional Manual Call Point (with base)

- Input Voltage: DC16V-DC28V
- Standby Current: ≤ 0.1mA
- Alarm Current: ≤ 0.17mA
- Indicator: Red LED

CE

DHI-HY-RI151

Conventional LED Remote Indicator

- Input Voltage: 3.3V DC or 24V DC
- Standby Current: < 10 mA (3.3V DC)
- Standby Current: < 15 mA (24V DC)

CE

DHI-HY-C152

2-Wire Fire Alarm Bell

- Working voltage: DC24V
- Working current: ≤30mA
- Sound pressure: ≥95dB
- Product size: Φ150mmx60.4mm (diameter x height)

CE

DHI-HY-C153

2-Wire Fire Alarm Bell

- Working voltage: DC24V
- Working current: ≤30mA
- Sound pressure: ≥95dB
- Product size: Φ100mmx60.4mm (diameter x height)

CE

DHI-HY-PSB3A

Conventional Power Supply Box (3A)

- Input Voltage: AC 220V/50Hz
- Output Voltage: 27.5±0.5V
- Output Current: 3A
- Battery: Without battery

CE

DHI-HY-PSB5A

Conventional Power Supply Box (5A)

- Input Voltage: AC 220V/50Hz
- Output Voltage: 27.5±0.5V
- Output Current: 5A
- Battery: Without battery

CE

DHI-HY-PSB10A

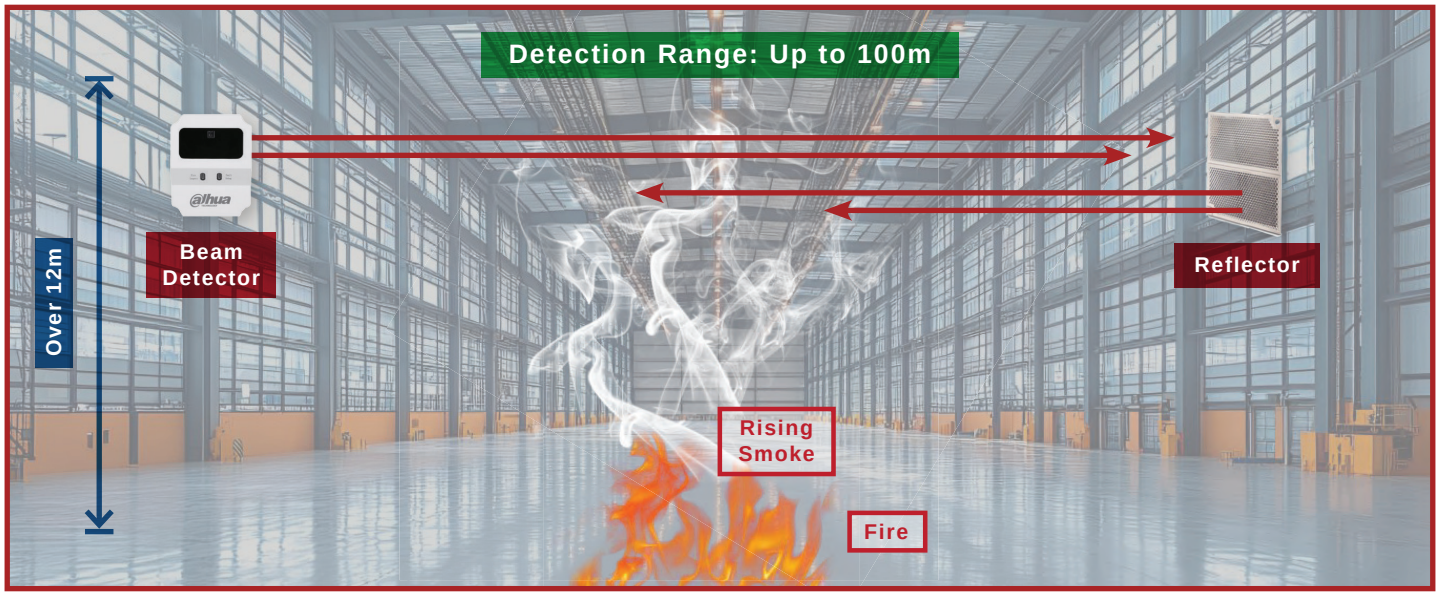
Conventional Power Supply Box (10A)

- Input Voltage: AC 220V/50Hz
- Output Voltage: 27.5±0.5V
- Output Current: 10A
- Battery: Without battery

CE

Linear Heat Detectors

Linear Beam Smoke Detector is designed for monitoring large areas spanning up to 100 m in commercial and industrial applications with high ceilings and large space.



Key Features

Auto Calibration
Built-in stepper motor for automatic detector for angle-calibration.

Third Party Integration
DC 24V/200mA passive contact for fire alarm output, no need special protocol customisation.

Ultra Low Power Consumption
Ultra low monitoring current and alarm current.

Application Areas

Atriums

Warehouses

Shopping Malls

DHI-HY-LD413A-I

Adapter Unit

- Control unit for digital linear heat cable detection
- Up to 500 metres, with local
- Fire and fault indication, fire and fault
- Relay output,
- 24VDC powered,
- IP66

UL

DHI-HY-LD413A-P

Termination Unit

- For digital linear heat cable monitoring and alarm/fault simulating

UL

DHI-HY-TSC40DA-68

68 Conventional Type Linear Heat Cable - 200m/roll

- Indoor using, alarm threshold of 68

UL

DHI-HY-TSC40DA-88

88 Conventional Type Linear Heat Cable - 200m/roll

- Indoor using, alarm threshold of 88

UL

DHI-HY-TSC40DA-105

105 Conventional Type Linear Heat Cable - 200m/roll

- Indoor using, alarm threshold of 105

UL

DHI-HY-TSC40DA-138

138 Conventional Type Linear Heat Cable - 200m/roll

- Indoor using, alarm threshold of 138

UL

DHI-HY-TSC40DA-CR/OR68

68 Chemical Resistance Type Linear Heat Cable - 200m/roll

- High performance of chemical resistance
- Outdoor using
- Weather proof
- Alarm threshold of 68

UL

DHI-HY-TSC40DA-CR/OR88

88 Chemical Resistance Type Linear Heat Cable - 200m/roll

- High performance of chemical
- Resistance, outdoor using, weather proof
- Alarm threshold of 88

UL

DHI-HY-TSC40DA-CR/OR105

105 Chemical Resistance Type Linear Heat Cable - 200m/roll

- High performance of chemical
- Resistance, outdoor using, weather proof
- Alarm threshold of 105

UL

DHI-HY-TSC40DA-CR/OR138

138 Chemical Resistance Type Linear Heat Cable - 200m/roll

- High performance of chemical
- Resistance, outdoor using, weather proof,
- Alarm threshold of 138

UL

DHI-HY-TSC40DA-EP68

68 Explosion-proof Type Linear Heat Cable - 200m/roll

- Explosion Proof, used in hazardous areas
- Alarm threshold of 68
- ExibIICT6

UL

DHI-HY-TSC40DA-EP88

88 Explosion-proof Type Linear Heat Cable - 200m/roll

- Explosion Proof, used in hazardous areas
- Alarm threshold of 88
- ExibIICT6

UL

DHI-HY-TSC40DA-EP105

105 Explosion-proof Type Linear Heat Cable - 200m/roll

- Explosion Proof, used in hazardous areas
- Alarm threshold of 105
- ExibIICT6

UL

DHI-HY-TSC40DA-EP138

138 Explosion-proof Type Linear Heat Cable - 200m/roll

- Explosion proof, used in hazardous areas
- Alarm threshold of 138
- ExibIICT6

UL

DHI-HY-TSC40DA-68

68 Conventional Type Linear Heat Cable - 500m/roll

- Indoor using, alarm threshold of 68

UL

DHI-HY-TSC40DA-88

88 Conventional Type Linear Heat Cable- 500m/roll

- Indoor using, alarm threshold of 88

UL

DHI-HY-TSC40DA-105

105 Conventional Type Linear Heat Cable - 500m/roll

- Indoor using, alarm threshold of 105

UL

DHI-HY-TSC40DA-138

138 Conventional Type Linear Heat Cable - 500m/roll

- Indoor using, alarm threshold of 138

UL

DHI-HY-TSC40DA-CR/OR68

68 Chemical Resistance Type Linear Heat Cable - 500m/roll

- High performance of chemical resistance
- Outdoor using
- Weather proof
- Alarm threshold of 68

UL

DHI-HY-TSC40DA-CR/OR88

88 Chemical Resistance Type Linear Heat Cable - 500m/roll

- High performance of chemical resistance
- Outdoor using
- Weather proof
- Alarm threshold of 88

UL

DHI-HY-TSC40DA-CR/OR105

105 Chemical Resistance Type Linear Heat Cable - 500m/roll

- High performance of chemical resistance
- Outdoor using
- Weather proof
- Alarm threshold of 105

UL

DHI-HY-TSC40DA-CR/OR138

138 Chemical Resistance Type Linear Heat Cable - 500m/roll

- High performance of chemical resistance
- Outdoor using
- Weather proof
- Alarm threshold of 138

UL

DHI-HY-TSC40DA-EP68

68 Explosion-proof Type Linear Heat Cable - 500m/roll

- Explosion proof
- Used in hazardous areas
- Alarm threshold of 68
- ExibIICT6

UL

DHI-HY-TSC40DA-EP88

88 Explosion-proof Type Linear Heat Cable - 500m/roll

- Explosion proof
- Used in hazardous areas
- Alarm threshold of 88
- ExibIICT6

UL

DHI-HY-TSC40DA-EP105

105 Explosion-proof Type Linear Heat Cable - 500m/roll

- Explosion proof
- Used in hazardous areas
- Alarm threshold of 105
- ExibIICT6

UL

DHI-HY-TSC40DA-EP138

138 Explosion-proof Type Linear Heat Cable - 500m/roll

- Explosion proof
- Used in hazardous areas
- Alarm threshold of 138
- ExibIICT6

UL

Product Components System Topology and Applications

A linear heat detector (LHD) is a type of fire detection system that uses a cable with heat sensitive materials to monitor temperature along its length. It is designed to detect heat over a specific area rather than at a single point, making it suitable for environments where traditional point detectors may not be effective.

Product Components

Adapter Unit

Termination Unit

UL LISTED

Conventional Type Linear Heat Cable
(68ºC, 88ºC, 105ºC, 138ºC)

Chemical Resistance Type
Linear Heat Cable
(68ºC, 88ºC, 105ºC, 138ºC)

Explosion-proof
Linear Heat Cable
(68ºC, 88ºC, 105ºC, 138ºC)

System Topology

Fire Alarm System Connection Diagram

Fire Alarm Panel

Input Module

Adapter Unit

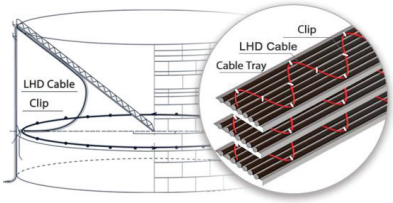
Termination Unit

Linear Heat Cable

Battery Box

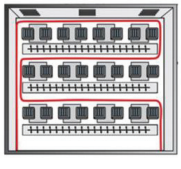
Applications

Oil Tank



Cable Tray

Distribution Equipment



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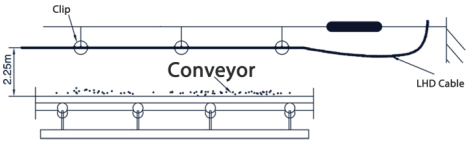

Safety Tips For Fire Alarms

01

Regularly Test Your Fire Alarms

Testing your fire alarms regularly is vital to ensure they are in proper working condition. Press the test button on each alarm to check if the sound is loud and clear. It is recommended to test your fire alarms at least once a month.

02

Keep Fire Alarms Clean

Dust and debris can accumulate on fire alarms, affecting their performance. Regularly clean the alarms using a soft brush or vacuum cleaner attachment to remove any dirt or dust. Avoid using water or cleaning solutions, as they can damage the alarms.

03

Install Fire Alarms in the Right Locations

Proper placement of fire alarms is crucial for their effectiveness. Install them on every level of your home or building, including the basement and attic. Place alarms near bedrooms and sleeping areas, as well as in the kitchen and near any potential fire hazards, such as fireplaces or heating appliances.

04

Interconnect Your Fire Alarms

Interconnecting your fire alarms allows them to communicate with each other. When one alarm detects smoke or fire, all interconnected alarms will sound, providing early warning throughout the premises. This is especially important in larger homes or buildings.

05

Have a Fire Escape Plan

Developing a fire escape plan is essential for everyone in your household or building. Ensure that everyone knows the sound of the fire alarm and what to do when it goes off. Practice regular fire drills, identifying the nearest exits and a designated meeting point outside.

06

Regularly Maintain and Service Your Fire Alarms

Fire alarms should be professionally inspected and maintained at least once a year. This ensures that they are in optimal working condition and compliant with safety regulations. Regular maintenance can identify any issues or faults that need to be addressed promptly.

07

Replace Outdated Fire Alarms

Fire alarm technology advances rapidly, and older models may not provide the same level of protection as newer ones. If your fire alarms are more than ten years old, consider replacing them with newer, more advanced models to ensure the highest level of safety.

By following these safety tips, you can ensure that your fire alarms are functioning properly and providing the best possible protection for your home or building. Remember, fire alarms are a crucial part of fire safety but they are just one component. It is important to have a comprehensive fire safety plan in place, including fire extinguishers, evacuation routes and knowledge of emergency contacts. Stay safe!

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