

### Description

The fire alarm control panel is housed in the most attractive, modern designed, friendly user interface for easy operation and recognition. It has smaller size and easier for installation.



### Features

- ✓ Automatic power switchover
- ✓ 12V2.3Ah High-capacity batteries
- ✓ Fault supervision and notification
- ✓ 2 relay output circuits
- ✓ 2 sounder output circuits
- ✓ Sounders and panel buzzer silence
- ✓ Extensible application for GSM
- ✓ Meets all requirements of latest EN54 part 2 and EN54 part 4



### Dimensions (mm) & Weight (kg)



### Technical Specification

Model	AW-CFP2166-1
Main Voltage	220VAC 50HZ/60HZ
Batteries	2*12V/ 2.3Ah sealed lead acid gel, self-regulated
Battery low-voltage protection	21V
Max points (detector and MCP) of zone	20detectors with 10 MCPs
Zone alarm current	6mA minimum/ 27mA maximum
Sounder output	2*0.15A maximum
Relay contacts rating	1A @24VDC
EOL resistor for zone and outputs	6.8K ohm 1W
Environmental	Class A temperature range: -5 to 40°C (23~104°F) Humidity: 5 to 95% RH, non-condensing
Fuse for AC Power	1 A/ 250V glass tube fuse slow blow 5 X 20mm
Fuse for DC Power	500mA/ 250V glass tube fuse fast blow 5 X 20mm
Terminal blocks rating	All terminals rated for 12 to 18 AWG(0.75 to 2.5 mm <sup>2</sup> )

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The panel can also be ordered with a metal box.

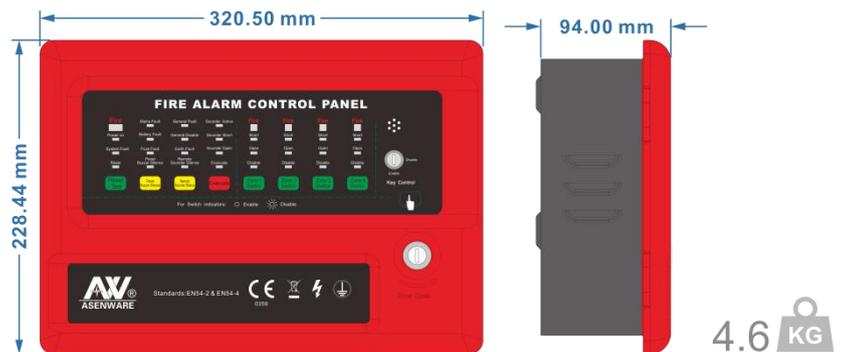


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### Dimensions (mm) & Weight (kg)



### Technical Specification

Model	AW-CFP2166-2/4
Main Voltage	220VAC 50HZ/60HZ
Batteries	2*12V/ 2.3Ah sealed lead acid gel, self-regulated
Battery low-voltage protection	21V
Detectors connection allowed each zone	20 detectors (except MCPs)
Zone alarm current	6mA minimum/ 27mA maximum
Sounder output	2*0.2A maximum
Relay contacts rating	1A @30VDC
Communication protocol	2 wires RS485 bus system
EOL resistor for zone and outputs	6.8K ohm 1W
Environmental	Class A temperature range: -5 to 40°C (23~104°F) Humidity: 5 to 95% RH, non-condensing
Fuse for AC Power	1 A/ 250V glass tube fuse slow blow 5 X 20mm
Fuse for DC Power	1 A/ 250V glass tube fuse slow blow 5 X 20mm
Terminal blocks rating	All terminals rated for 12 to 18 AWG(0.75 to 2.5 mm <sup>2</sup> )

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### Dimensions (mm) & Weight (kg)



### Technical Specification

Model	AW-CFP2166-6/8
Main Voltage	220VAC 50HZ/60HZ
Batteries	2*12V/ 2.3Ah sealed lead acid gel, self-regulated
Battery low-voltage protection	21V
Detectors connection allowed each zone	20 detectors (except MCPs)
Zone alarm current	6mA minimum / 27mA maximum
Sounder output	2*0.5A maximum
Relay contacts rating	1A @30VDC
Communication protocol	2 wires RS485 bus system
EOL resistor for zone and outputs	6.8K ohm 1W
Environmental	Class A temperature range: -5 to 40°C (23~104°F) Humidity: 5 to 95% RH, non-condensing
Fuse for AC Power	1 A/ 250V glass tube fuse slow blow 5 X 20mm
Fuse for DC Power	2 A/ 250V glass tube fuse slow blow 5 X 20mm
Terminal blocks rating	All terminals rated for 12 to 18 AWG(0.75 to 2.5 mm <sup>2</sup> )

### Description

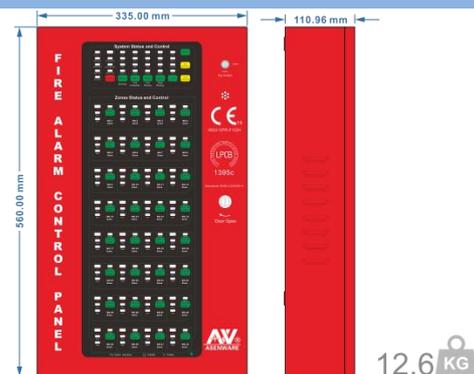
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### Features

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### Dimensions (mm) & Weight (kg)



### Technical Specification

Model	AW-CFP2166-12/16/20/24/28/32
Main Voltage	220VAC 50HZ/60HZ
Batteries	2*12V / 2.3Ah sealed lead acid gel, self-regulated
Battery low-voltage protection	21V
Detectors connection allowed each zone	20 detectors (except MCPs)
Zone alarm current	6mA minimum / 27mA maximum
Sounder output	2*0.75A maximum
Relay contacts rating	1A @30VDC
Communication protocol	2 wires RS485 bus system
EOL resistor for zone and outputs	6.8K ohm 1W
Environmental	Class A temperature range: -5 to 40°C (23~104°F) Humidity: 5 to 95% RH, non-condensing
Fuse for AC Power	1 A / 250V glass tube fuse slow blow 5 X 20mm
Fuse for DC Power	3 A / 250V glass tube fuse slow blow 5 X 20mm
Terminal blocks rating	All terminals rated for 12 to 18 AWG (0.75 to 2.5 mm <sup>2</sup> )



# Conventional Heat Detector

## AW-CTD382

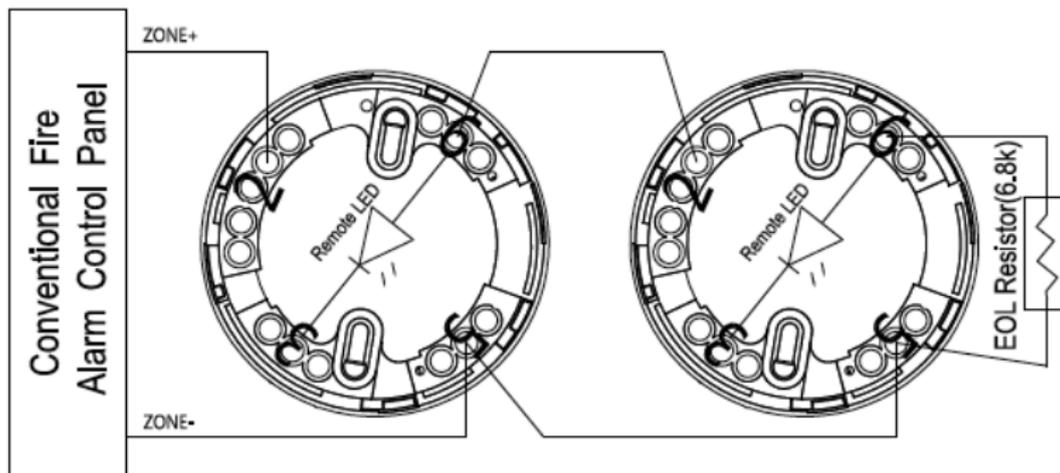


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1395b/01

Model No. :	AW-CTD382	<b>Features</b> <ul style="list-style-type: none"> <li>✧ Analog type spot detector</li> <li>✧ Built in dual LEDs</li> <li>✧ Visible from all around 360°</li> <li>✧ Remote indicator output</li> <li>✧ Compatible with most brands fire alarm panels.</li> <li>✧ LPCB approved.</li> </ul>
Connection type:	2 Wire	
Work voltage :	9 to 28 VDC	
Alarm current :	≤ 15 mA@24 VDC	
Standby current:	≤ 120 μA@24 VDC	
Fix Temperature Alarm :	57°C(135° F)	
Rate-of-Rise Alarm :	7.1°C/5s A2R	
Dimensions:	99.45 Dia & 48.2 mm High	
Work temperature :	-10 °C to 50 °C	
Work humidity :	≤ 95% RH	
Standards:	EN 54-5 : 2001	



Wire diagram

**Manufacturer:**

**Zhongshan Guta Fire Equipment Technology Co.,Ltd**

4/F, #10, Xingye Rd., Huoju District, Zhongshan City, Guangdong, China.

[www.asenware.com](http://www.asenware.com) / [www.guta-fire.com](http://www.guta-fire.com)

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# Conventional Smoke Detector

## AW-CSD381

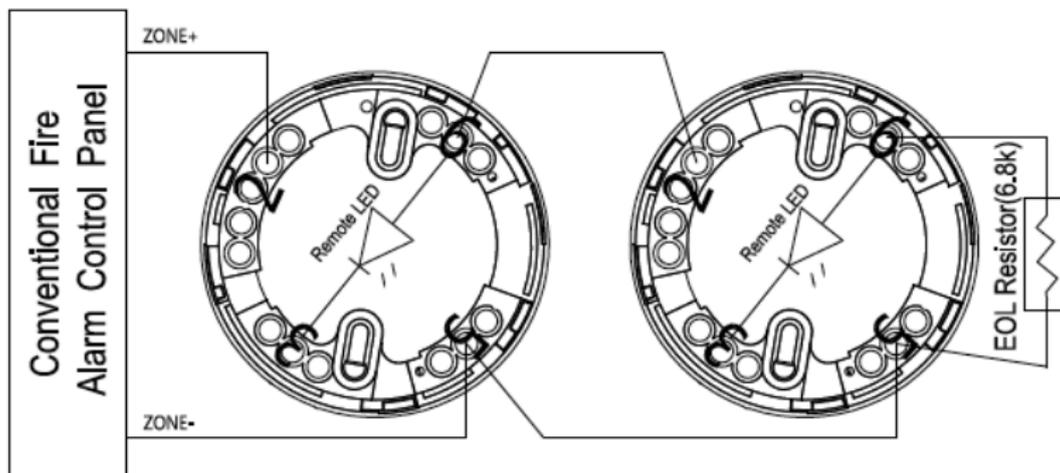


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1395a/01

Model No. :	AW-CSD381	<b>Features</b> <ul style="list-style-type: none"> <li>✧ Photo-Electric type spot detector</li> <li>✧ Built in dual LEDs</li> <li>✧ Visible from all around 360°</li> <li>✧ Remote indicator output</li> <li>✧ Compatible with most brands fire alarm panels.</li> <li>✧ LPCB approved.</li> </ul>
Connection type:	2 Wire	
Work voltage :	9 to 28 VDC	
Alarm current :	≤ 15 mA@24 VDC	
Standby current:	≤ 120 μA@24 VDC	
Sensitivity :	0.1 - 0.15 dB/m	
Dimensions:	99.45 Dia & 48.2 mm High	
Work temperature :	-10 °C to 50 °C	
Work humidity :	≤ 95% RH	
Standards:	EN 54-7 : 2018	



Wire diagram

**Manufacturer:**

**Zhongshan Guta Fire Equipment Technology Co.,Ltd**

4/F, #10, Xingye Rd., Huoju District, Zhongshan City, Guangdong, China.

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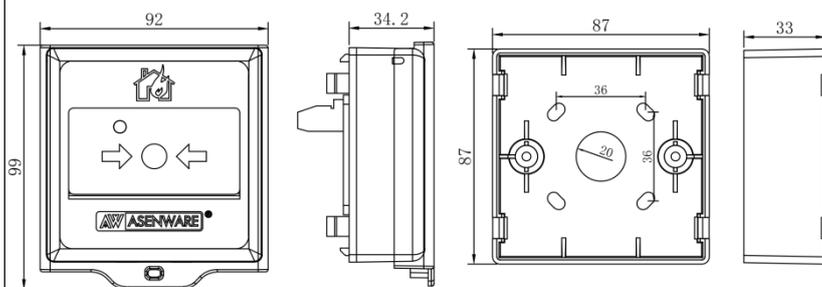
The AW-D135C conventional manual call point is designed to be use with an intelligent two-wire control system. If it is pressed after a fire is manually confirmed, an alarm signal may be sent to a fire alarm control system which will, after receiving the alarm signal, display the equipment status of the manual call points. When the manual call point is operating normally, the red indicator will blink; when there is a fire alarm, it will remain lit.



### Features

- ✓ Semi-flush or surface mounting
- ✓ Simple key to reset operating element (no broken glass)
- ✓ LED indicator
- ✓ Complete functional test with every activation
- ✓ Meets all requirements of latest EN54 part 11

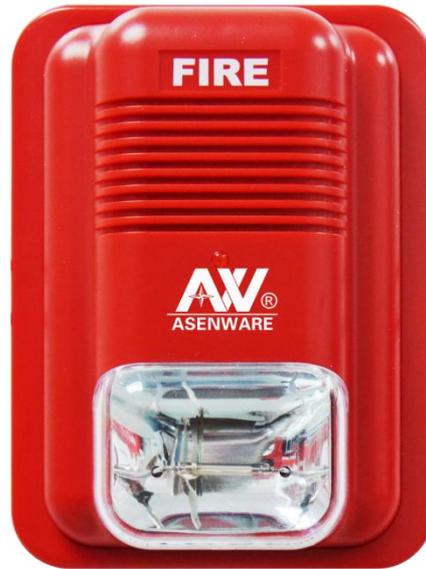
### Installation



## Technical Specification

Model	AW-D135C
Main Voltage	Zone 24V or 12V
Operating current	monitoring status $\leq 20\mu\text{A}$ , alarm status $\leq 15\text{mA}$
Application	For indoor use only
Wiring	The promise of two bus system(Zone +, Zone -)
Protection class	IP30
Indicator	Red alarm indicator flashes when it is under normal condition, press the manual button lit work
Environmental	Class A temperature range: $-5$ to $40^{\circ}\text{C}$ ( $23\sim 104^{\circ}\text{F}$ ) Humidity: 5 to 95% RH, non-condensing
Materials and colors	ABS, red
Mating Panel	AW-CFP2166 fire alarm control panel
Size	99mm* 92mm* 66mm(with cover)
Weight	about 95g

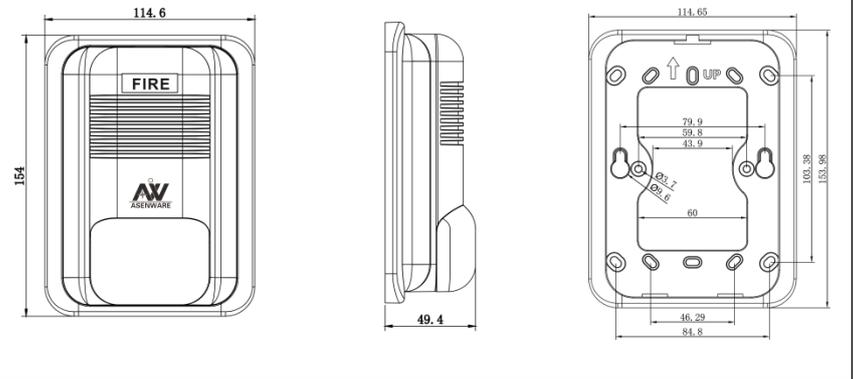
The AW-CSS2166-2 horn strobe is mainly designed to be use with fire alarm control panel AW-CFP2166. The strobe horn fire alarm is a kind of terminal device for alarm; it is used for the sound & light alarm when the fire happens.



## Features

- ✓ Surface mounting
- ✓ Complete functional test with every activation
- ✓ 3 type sounds
- ✓ Meets all requirements of latest EN54-3&EN54-23

## Installation



## Technical Specification

Model	AW-CSS2166-2
Operating Voltage	Zone 24V
Operating current	≤60mA
Alarm SPL	≥85dB
Flash Period	1 Time/Sec
Protection class	IP30
Environmental	Temperature range: -5 to 40°C (23~104°F) Humidity: 5 to 95% RH, non-condensing
Materials and colors	ABS red
Application	For indoor use only
Mating Host	AW-CFP2166 fire alarm control panel
Size	154mm* 115mm* 50.5mm
Weight	About 165g