▲ YF-1 / 15L / Push-button

▲ YF-1 / 20L / Rocker Switch

▲ YF-2 Interlock Control Panel

▲ YF-1 / 5L-A / Push-button Housed in a flame retardant ABS enclosure.

▲ YF-1 / 5L-A / Rocker Switch Housed in a flame retardant ABS enclosure.

Yun Yang Fire Safety Equipment

Features

● **Two-stage alarm delay function:**
At the first stage, when the detector sends the signal for the first time, the control panel will automatically reset the signal and enter the second stage for standby after 8 seconds. At the second stage, if there is another signal sent by the detectors within 9-40 seconds, the control panel will triggered the fire alarm, else reset the alarm signal. This will prevent the control panel from sending false alarms.

● **Standby battery protection:**
During power-cut, when the standby battery is under DC 18V, it will automatically stop discharging to extend battery life.

● **Protection against lightning surge:**
Power supply module with protection against lightning surge to avoid device damage caused by high voltage or power surge.

● **Quality control:**
All interior components of the display module and base boards in the unit are approved by CE and CNS. All products have to pass strict inspection before delivery to ensure durability.

● **Abnormal voltage inspection:**
With abnormal voltage display function, the system can indicate high and low voltage.

● **Modular design:**
The system has modular design with inputs/outputs independent terminal module. If there is a problem on site, users do not have to remove external wires and can easily replace defective boards improving the efficiency of maintenance and inspection.

● **Exterior design:**
Equipped with zone display panel board. The panel (made of flame retardant plastic) adopt a streamline design for clear indication of zone's name, floor, building, properties, etc.

● **Other functions:**
Can be integrated with the TYY Voice Evacuation System and the Emergency Telephone System in one cabinet for more appealing look and less space consuming.

Dimensions (Steel)

Cabinet	Wall-mount												
Number of Loops	5~10L	15L	20L	25~30L	35~40L	45~50L	55~60L	65~70L	75~80L	85~90L	95~100L	105~110L	115~120L
H(mm)	400	495	580	520	580	700	760	840	930	1020	1110	1195	1350
W(mm)	300	300	300	480	480	480	480	480	480	580	580	580	580
D(mm)	120	120	120	180	180	180	180	200	200	200	200	200	200

Cabinet	Floor-standing			2-in-1			3-in-1	4-in-1	Interlock Control Panel	
Number of Loops	125~130L	135~150L	155~170L	135~260L	265~300L	305~340L	345~450L	455~600L	1L	1L
H(mm)	1600	1800	2000	1600	1800	2000	1800	1800	180	250
W(mm)	580	580	580	1160	1160	1160	1740	2320	180	210
D(mm)	260/360	260/360	260/360	260/360	260/360	260/360	260/360	260/360	75	90

Dimensions (ABS)

Cabinet	Wall-mount	
Number of Loops	5~10L	15~20L
H(mm)	400	370
W(mm)	300	480
D(mm)	126	90

Specifications

Item	Specification
Model	YF-1
Power Source	110V AC 50/60 Hz or 220V AC 50/60 Hz
Standby Battery	24V DC
Charging Voltage	Below 26V DC 450mA, trickle charging
Circuit Voltage	24V DC operation voltage, under 10~11V DC 32mA
Rated Impedance	Under 50Ω, Ground Resistance above $2M\Omega$
Detector Connection	No limitation for Conventional Rate of Rise Heat / Fixed Temperature Heat Detectors ; Up to 30 Photoelectric Smoke Detectors (24V DC 40µA) per zone
E.O.L. Resistor	$10K\Omega$
No. of Indicators	1.2 times of the number of zone (LED indicating lamp)
No. of Bells	1.2 times of the number of zone
Color	Green / Red / Black
Buttons	Rocker Switch / Push-button / Capacitive Touch Switch
Cabinet Material	**Powder coating steel** (optional Flame retardant ABS enclosure available up to 20L only)
Main Audio	Mono tone sounder (above 85dB for 1m distance)
Alarm Relay Contact	2 sets of No-Voltage NO contact, capacity AC 250V / 7A