CHENGTUO TECHNOLOGY
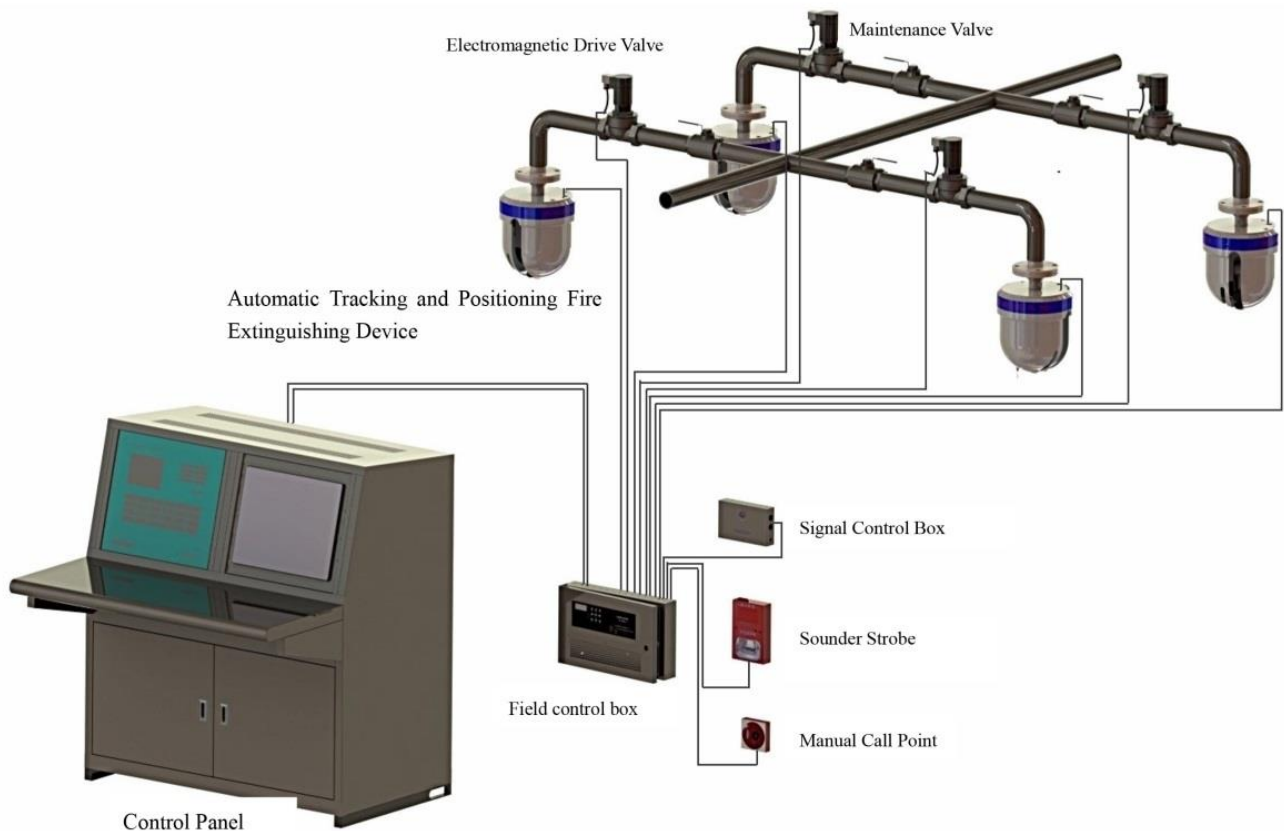*Technology and Service for people*

Automatic Tracking and Positioning Jet Fire Extinguishing System

ZDMS0.6-XF type

1 Introduction:

Water cannon system is a new type of efficient fire extinguishing product using in large space. With integrated use of infrared and UV sensor technology, built-in CPU and intelligent algorithms, water cannon system satisfies people with its quick and accurate detection of fire, distinguishing fire from authenticity, and automatically taking the initiative to put out fire. The systems monitors protection area in all-day conditions, automatically starts and stop the extinguish system, and can be repeated.

Applicable to exhibition center, trade fair, large shopping malls, supermarkets, department stores, chemical enterprises, oil depots and other buildings.

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2 Features and Benefits:

- Simple system network, low project cost, easy construction and installation.
- Can work with fire alarm system
- Remote visual fire extinguishing
- Automatically detect the fire and send alarm signals and locate the ignition point
- Automatic control, remote manual control and on-site manual control function
- Long detection distance, large protection area, fast response, high detection sensitivity

3 Technical Parameters:

Parameter	Unit	Value	
		ZDMS0.6/5S-XF	ZDMS0.6/10S-XF
Working pressure	V	Center equipment and field control box:AC220 Fire Detection and Extinguishing DC24V.	
Power consumption	W	monitoring ≤ 1.5W, scanning ≤ 15W	
Standard working pressure	Mpa	0.6	
Standard water flow rate	L/S	5	10
Protection radius	m	≤30	≤35
Positioning time	s	≤25	
Rotation angle	°	(round trip) Horizontal 0 ~ 360, vertical + 30 ~ -90	
Video horizontal evel resolution		520TV Line	
Video output		1Vp-p75ohm	
Installation interface		DN50 flange connection	
Installation height	m	6≤H≤30	
Dimensions	mm	250*250*360	
Weight	kg	8	
Applicable ambient temperature	°C	Temperature : -10°C~55°C Humidity: : ≤95%RH（40°C±2°C）	
Control method	---	Automatic control, central control room remote control, on-site emergency manual control	

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