



# Video Image Fire Detector Model VFD/SFH-MA-DG06

Certificate Number: **FM25US0104**

## Company

**Maple Armor Fire Alarm Device Co. Ltd.**

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Detection, Fire Alarm and Signaling Equipment | Video Image Fire and Smoke Detectors | **Alarm Signal Initiating Devices, Fire Detection, Video Image Activated**

## VFD/SFH-JBF-DG08-Ex Video Image Fire Detector

### Description of Equipment:

Smart Jade Eye, Video Image Fire Detector VFD/SFH-MA-DG06 Software rev. V1.0		
Name	Title	VFD/SFH-MA-DG06
Main parameters of thermal imaging sensor	Type of sensor	F_VOx matrices focal plane non-efroids
	Resolution	384×288
	Pixel spacing	12µm
	Spectral range	8~14µm
	Noise Equivalent Temperature Difference (NETD)	≤ 50 mK @ 300K
	Temperature measurement range	-20°C~+150°C
	Lens specifications	6.3mm
Main parameters of visible imaging sensor	Type of sensor	1/2.8 CMOS
	Pixels	200M pixels
	Resolution	1920×1080
	Lens specifications	6mm
	Lens aperture	F1.8
	Field of view(H*V)	40°*28°
Network	Network protocol	RTSP, TCP, IPv4, FTP, NTP, UDP, DHCP, SDK etc.
	Video compression standards	H.264, H.265
	Ethernet interface	RJ45 (Max.100m) or Single mode SC fiber ( Max .25KM)
Alarm output	Relays	Relay output NO/NC Cutoff power 30 V/2 A



Smart Jade Eye, Video Image Fire Detector VFD/SFH-MA-DG06 Software rev. V1.0		
Name	Title	VFD/SFH-MA-DG06
Environmental characteristics	Operation temperature	-40°C~+70°C
	Relative humidity	<95% (No condensation)
	Stockage temperature	-50°C~+80°C
Visual indication	Run	Green light /no sound (buzzer)
	Fault	Yellow light /2s beep with long intervals
	Alarm	Red light /0.5s beep with short intervals
	Buzzer	It can be activated under both alarm and fault signals. (configurable)
Power supply	Voltage	Rated voltage: 24 VDC, operating range 12 to 32 VDC Power over Ethernet (POE)
	Electricity consumption	≤5W
Size and Weight	Size	245 (L) * 125 (W) * 99 (H) mm
	Installation screw	Standard PTZ 1/4 inch screw * 2
	Weight	1.9kg
	Protection level	IP66 NEMA Type 4
Detection distance	Flame 0.1 m <sup>2</sup> n-heptane pan*	5-40m (0.1 m <sup>2</sup> n-heptane fire pan)
	Smoke	5-40m (a diameter 7cm* height 1.5cm smoke pellet)

### Details

<b>Category</b>	Alarm Signal Initiating Devices, Fire Detection, Video Image Activated
<b>Class of Work</b>	3232 - Video Image Smoke Detectors for Automatic Fire Alarm Signaling
<b>Certification Type</b>	FM Approved
<b>Listing Country</b>	Canada
<b>Certificate Number</b>	FM25US0104