

Defense and Law Enforcement and Security and Safety Equipment and Supplies >> Fire Prevention >> Fire Protection >> Wireless Fire Alarm System

**Specifications:**

Name	Type	Restrictions	Unit	Properties
<b>Group: Type</b>				
1. Type of Wireless Fire Alarm System	Ordinal	IP Based(1)	N/A	Mandatory,Filter,Golden
<b>Group: Control Panel</b>				
1. Wireless Addressable Intelligent IP based Fire Alarm System, support addressable devices on a networked structure with digital communication protocol, Panel incorporates duplex communication and utilizes Frequency Hopping Spread Spectrum signalling protocol	Enumerable	Yes	N/A	Mandatory
2. Built-in Battery back-up in Control Panel (Hours)	Numeric	16, 20, 24, 28, 32	N/A	Mandatory,Filter,Golden
3. Bi-directional Communication with Devices	Boolean	Yes, No	N/A	Mandatory,Filter
4. Alpha numeric LCD Display ( with minimum 30 characters )	Boolean	Yes, No	N/A	Mandatory,Filter
5. LCD display with multi languages Support	Boolean	Yes, No	N/A	Mandatory,Filter
6. Hooter built in Panel	Boolean	Yes, No	N/A	Mandatory,Filter
7. Control Panel Software	Boolean	Yes, No	N/A	Mandatory,Filter,Golden
8. Control Room Monitoring	Boolean	Yes, No	N/A	Mandatory,Filter
9. Voice Announcement Facility	Boolean	Yes, No	N/A	Mandatory,Filter
10. Voice Recording Facility	Boolean	Yes, No	N/A	Mandatory,Filter
11. Minimum Duration for Voice Recording (Seconds)	Numeric	120, 150, 180	N/A	Mandatory,Filter,Golden
12. Message Recording Facility	Boolean	Yes, No	N/A	Mandatory,Filter
13. Number of Addressable Devices connectivity (Numbers)	Numeric	25, 50, 100	N/A	Mandatory,Filter,Golden
14. Central Monitoring System / Remote Access	Boolean	Yes, No	N/A	Mandatory,Filter
15. Special monitoring mode to record all the activities in the protected area	Boolean	Yes, No	N/A	Mandatory,Filter
16. Programming through built in LCD Panel and key board from PC	Boolean	Yes, No	N/A	Mandatory,Filter
17. Support auto dialing facility for sending voice dialouges on telephone numbers automatically	Boolean	Yes, No	N/A	Mandatory,Filter

Name	Type	Restrictions	Unit	Properties
<b>Group: Smoke Sensor</b>				
1. Wireless Addressable Smoke Sensor (Numbers)	Numeric	20, 36, 73	N/A	Mandatory,Filter,Golden
2. Battery Rating of Smoke Sensor	Enumerable	3 Volts Lithium Ion	N/A	Mandatory,Filter,Golden
3. Bi-directional Communication with Control Panel	Boolean	Yes, No	N/A	Mandatory,Filter
4. Inbuilt Sounder	Boolean	Yes, No	N/A	Mandatory,Filter
5. Anti Tamper Protection	Boolean	Yes, No	N/A	Mandatory,Filter
6. Concealed antenna within Sensor	Boolean	Yes, No	N/A	Mandatory,Filter
7. Optical smoke detection facility	Boolean	Yes, No	N/A	Mandatory,Filter
8. 2 Level volume setting	Boolean	Yes, No	N/A	Mandatory,Filter
9. Highly visible LED beacon	Boolean	Yes, No	N/A	Mandatory,Filter
<b>Group: Manual Call Point</b>				
1. Wireless Addressable Manual Call Point - Non Breakable Plastic Panel (Numbers)	Numeric	3, 8, 16	N/A	Mandatory,Filter,Golden
2. Reset Key in Manual Call Point	Boolean	Yes, No	N/A	Mandatory,Filter
3. High range of radio transmission	Boolean	Yes, No	N/A	Mandatory,Filter
<b>Group: Accessories</b>				
1. Indoor Siren (Numbers)	Numeric	0, 1, 2	N/A	Mandatory,Filter,Golden
2. Strobe Siren	Numeric	0, 1, 2	N/A	Mandatory,Filter
3. Signal Repeater	Numeric	1, 4, 8	N/A	Mandatory,Filter,Golden
<b>Group: Miscellaneous</b>				
1. Dimensions ( mmxmmxmm)	Text	N/A	N/A	Mandatory
2. Weight (grams)	Numeric	Any value	N/A	Mandatory
3. Minimum Operating Temperature (Degree C)	Numeric	>=-20	N/A	Mandatory
4. Maximum Operating Temperature (Degree C)	Numeric	35 - 70	N/A	Mandatory
5. Minimum Operating Humidity (%RH)	Numeric	10 - 45	N/A	Mandatory
6. Maximum Operating Humidity (%RH)	Numeric	65 - 95	N/A	Mandatory

<b>Name</b>	<b>Type</b>	<b>Restrictions</b>	<b>Unit</b>	<b>Properties</b>
7. Certifications Available	Enumerable	RoHS, CE, VDS, UL / FM (Factory Mutual), NEPA National Fire Protection Agency	N/A	Mandatory,Filter
8. Type Test Certificate Covering all parameters and Environmental tests from STQC certified lab	Boolean	Yes, No	N/A	Mandatory
9. Test Report Number & date	Text	N/A	N/A	Mandatory
10. Name of Lab	Text	N/A	N/A	Mandatory
11. Address of Lab	Text	N/A	N/A	Mandatory
12. Scope of Supply	Enumerable	Installation and Commsioning Included in the scope of Supply	N/A	Mandatory
13. On Site OEM Warranty (Year)	Numeric	1, 2, 3	N/A	Mandatory,Filter