



4555

Fire Alarm Communicator and Panel

UPLINK ADVANTAGES

- Provide primary control or use as a slave communicator
- Cost savings over traditional fire alarm panels and communicator combinations
- Digital dialer and cellular radio
- Ideal for sprinkler, riser, and small to medium installations
- Live technical and activation support, 8:00 a.m. to 8:00 p.m. EST, Monday through Friday

4-Zone Fire Panel With Built-In Primary GSM Cellular Communicator

The 4555 is a UL listed all-in-one control panel and communicator for commercial fire applications. It includes a smoke detector circuit, annunciator output, and four supervised zones. With its built-in primary cellular and POTS communications capability, the Uplink 4555 provides an easy to install and economical solution for fire monitoring.

Device Features:

- UL listed for ANSI/UL 864
- Reports Contact ID, SIA
- 24V outputs for notification and smoke detector
- Four supervised zones
- External LED indicators
- Alarm reset button
- Onboard sounder
- Built-in charger for up to two 12AH batteries
- Includes external AC power supply



4555
Cellular Fire Alarm
Communicator and Panel

Specifications

ALARM SIGNALING

Applications	Primary controller or slave communicator
Modes	Primary cellular, POTS w/cell backup
Formats	Contact ID, SIA
Automated Testing	Daily, 6 hour, 1 hour

RADIO

Technology	UMTS/HSDPA/GSM/GPRS/EDGE
Frequency Bands	850/1900 MHZ
Sensitivity	-106 dB (typical)
Output Power	Class 4 (2W @ 850 MHz, max) Class 1 (1W @ 1900 MHz, max) Class 3 (0.25W @ 850/1900 MHz, max)

TELCO INTERFACE

Dial Format	DTMF
Line Impedance	600 ohms
Ringer Equivalence	0.3 REN

OUTPUT SPECIFICATIONS

Number	1	2	3
Type	Supervised, fully programmable	Relay contact, fully programmable	Unsupervised supply
Voltage	24 V	5 V	24 V
Max Current	400 mA	120 mA	400 mA

INPUT SPECIFICATIONS

Number and Type	4 Supervised, all programmable, 2.2k EOL
Voltage	3.3V, protected to 15V
Max Current	1mA
Max Frequency	20 KHz

POWER

Power Supply (Included)	Type: Class 2, UL Listed Input: 120 VAC, 60Hz, 0.43A Output: 16.5 VAC, 45VA
Normal Current (On Hook)	125 mA
Maximum Current (Off Hook)	600 mA
Battery Standby Current	20 mA
Battery	Two ELK 12120 12 V, 12 AH (REQUIRED, NOT INCLUDED)
Battery Charging System	Pulsed width modulated constant voltage. Electronic short circuit protection, thermal protection
Maximum Full Charge DC Voltage	27.2V +/- 0.2V
Maximum Ripple	20mV
Battery Operating Temperature Range	-20° to +50° C

ENVIRONMENTAL

Temperature Range	Operating: -20° to +50° C Storage: -30° to +70° C
Humidity	0-95% non-condensing

DIMENSIONS

Height, Width, Depth	12.2 w/o antenna (19.0 inches w/antenna) x 12.2 x 6 inches
Weight	15 lbs (with two 12AH batteries)

CERTIFICATIONS/COMPLIANCE

Radio	FCC, IC, PTCRB, AT&T
Fire Safety	UL listed for ANSI/UL 864, CSFM

Specifications subject to change without notice.

About Sierra Wireless

Sierra Wireless (NASDAQ: SWIR) (TSX: SW) is an IoT pioneer, empowering businesses and industries to transform and thrive in the connected economy. Customers Start with Sierra because we offer a device-to-cloud solution, comprised of embedded and networking solutions seamlessly integrated with our IoT services. OEMs and enterprises worldwide rely on our expertise in delivering fully integrated solutions to reduce complexity, turn data into intelligence and get their connected products and services to market faster. Sierra Wireless has more than 1,400 employees globally and operates R&D centers in North America, Europe and Asia. For more information, visit www.sierrawireless.com.

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