

M1 GOLD CONTROL AND E27 ALARM CONTROL ENGINE

Features & Specifications Comparison Chart



FEATURES & SPECIFICATIONS	M1 Gold	E27
On-board Hardwired Zones	16	16
Wireless Device Capacity	144	128
Supported Wireless Format/Frequency	Mix and Match - Connects to Data Bus <ul style="list-style-type: none"> ELK Two-Way (902-928 MHz) ELK 319 Series (319.5 MHz) Honeywell 5800 Series (345 MHz) 	Mix and Match - Connects to Main Board and/or Data Bus <ul style="list-style-type: none"> ELK Two-Way (902-928 MHz) ELK 319 Series (319.5 MHz)
Two-Wire Smoke Detector Zones	1 - Main board Zone 16 Only	3 - Main board Zones 14, 15, & 16
Maximum Total Zones	208	128
On-board Alarm Outputs	2	2
On-board Programmable Outputs	1 Relay, 10 Voltage	1 Relay, 10 Voltage
Maximum Total Outputs	208	32
On-board Piezo Sounder	NO	YES
On-site Voice Alerts	YES	NO
Areas/Partitions	8	8
User Capacity	199	199
User Groups	None	10
Keypads	1 Required, Supports up to 16	None Required, Supports up to 8
On-board Ethernet (IP) Port	NO	YES
Wi-Fi Support	NO	YES, Add AEWFi Wi-Fi Adapter
Internal Event Log Capacity	512 Entries	500 Entries
Expandable Event Log	NO	YES, Add SD Card
CS Reporting Options	<ul style="list-style-type: none"> IP/Internet Cellular Telephone (Native) 	<ul style="list-style-type: none"> IP/Internet (Native) Cellular Telephone
How do installers program the system?	ElkRP2 PC Software or Keypad Programming	ElkConnect App & Portal
ELK Developed Mobile App (iOS & Android)	NO	YES
On-board Status/Diagnostic Indicators	LED Only	7-Segment & LED Indicators
Keypad Tests/Diagnostics	Walk test, communication test, dynamic battery test, zone voltage display, and system voltage/current meter	Walk test and communication test
Auxiliary Power Outputs	1 Switched Smoke, 3 Constant Voltage	1 Switched Smoke, 1 Constant Voltage



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Total Current Available from Main-Board Power Supply (Non-Alarm)	Up to 1 Amp	Up to 2.4 Amps
Master Power Switch & Low Battery Cutoff	YES	YES
Built-in support for Aux Power Supply/Back-up Battery on Input & Output Expanders	NO	YES
Selectable EOL Resistance Values and Programmable Output on Input Expander	NO	YES
Astronomical Clock	YES	YES
Integration with Z-Wave	YES, Requires 3rd Party interface (Universal Devices ISY) and MIXEP	YES, Add AEZW Z-Wave Module
Supported Z-Wave Devices	Lights & Thermostats	Lights, Thermostats, Locks, & Garage Doors
Other Integration	Integrates with devices/interfaces from 35 industry leading companies	Control4, Crestron Other integrations in development
Rules Engine Logic	WHENEVER (Triggering Event) AND (Conditional Statements) THEN (Actions)	WHENEVER (Triggering Event) AND/OR (Conditional Statements) THEN (True Actions) ELSE (False Actions)
Rules Engine Capacity	528 Single WHENEVER/THEN = 1 Each Additional THEN +1 Each AND +1	100 Rule Entries 5 Lines = 1 Additional Lines +1
User Notifications	Email/Text Messages	Email, SMS, & Push Notifications