

A high intensity multi-colored LED strobe light

The Algo 8138 IP Color Visual Alerter is a four-color weatherproof strobe light used to signal paging, telephone, and emergency events.



The Algo 8138 IP Color Visual Alerter ensures effective paging, telephone, or emergency alerting for improved situational awareness. Built-in color options (amber, blue, green, and red), selectable flash patterns, and intensity levels provide 180 possibilities for distinctive alerting including steady-state on.

EFFECTIVE, SCALABLE ALERTING

With 16 ultra-efficient, long-life LEDs of each color pointing on axis and radially the 8138 provides up to 690 lumen flux and 190 peak candela. The 8138 has 360 x 180-degree visibility and can be wall or ceiling mounted indoor or outdoor.

The 8138 can be activated by a SIP ring event, API, or dry contact closure. The device is also multicast transmit and receive capable. This can help you scale and trigger as many other 8138 IP Visual Alerters or other endpoints and keep them synchronized with each other.

MEET SAFETY STANDARDS

The 8138 meets requirements of the IEC 62471 standard relating to photobiological safety and can help you reach OSHA and ADA compliance. With a steady-state solid on option, low intensity settings, and high frequency modulation for elimination of risk related to flicker, the 8138 makes it possible to avoid hazards that may present risk of seizures.

KEY FEATURES

- 4 colors (16 LEDs each), 15 flash patterns, and 3 intensity levels
- 360 x 180 degree visibility when mounted to a wall or ceiling
- Secure SIP using TLS and SRTP.
- Outdoor-rated
- Multicast capable
- Configurable via web interface

| POWER | |
|--|---|
| POWER SOURCE | PoE (IEEE 802.3af Class 0) 48 V, 15.4 W |
| MAX POWER (AT DEVICE) | 4 W |
| IDLE POWER | 2 W |
| SIP | |
| SIP EXTENSIONS | <ul style="list-style-type: none"> • 50 Page • 10 Emergency Alert • 10 Ring |
| SIP SIGNALLING/ TRANSPORT PROTOCOLS | UDP, TCP, RTP |
| SECURITY | TLS, SRTP, Mutual Authentication |
| AUDIO CODECS | G.711 u-law, G.711 A-law, G.722 Wideband |
| MULTICAST | |
| RTP MULTICAST | Send and Receive 50 Zones |
| AUDIO SUPPORT | Capable of transmitting or lighting upon receiving audio for interoperability with other Algo endpoints |
| COMPATIBILITY | |
| API & THIRD-PARTIES | <ul style="list-style-type: none"> • RESTful API • Poly Group Page™ (Receive only) • InformaCast® (additional license required) • Intrado Revolution® • Microsoft Teams® |
| CONFIGURATION & PROVISIONING | |
| CONFIGURATION | Web interface or provisioning server |
| WEB INTERFACE | HTTP, HTTPS |
| PROVISIONING | <ul style="list-style-type: none"> • TFTP, FTP, HTTP, HTTPS • DHCP Options 66, 150, 160 • Reboot via SIP 'check-sync' |
| ZTP | Supported |
| SUPERVISION | Compatible with Algo Device Management Platform (ADMP), Algo 8300 IP Controller, any third-party SNMP monitoring software, and RTCP |
| NETWORKING | |
| NETWORKING | IPv4, IPv6, DHCP, VLAN, MDNS |
| LINK LAYER | LLDP, CDP |
| SECURITY | IEEE 802.1X |
| QOS | DSCP |
| NAT | STUN, TURN, CRLF Keep Alive, SIP Outbound |
| ADDRESS RESOLUTION | DNS, SRV Record |
| REDUNDANCY | Secondary and tertiary SIP server |
| TIME | NTP Server (up to four) |
| OPTICAL | |
| LEDS | 64 CREE (16 of each color - red, amber, green, blue) |
| FLASH PATTERNS | 15 |
| BRIGHTNESS SETTINGS | 3 levels |
| BRIGHTNESS | 370-690 Lumens (color dependent) |
| PEAK INTENSITY | 102-190 Candela (color dependent) |
| OPTICAL SAFETY | IEC 62471-21/TR 2009: Risk group exempt. Safe to view for all conditions |
| VIEWER RISK ASSESSMENT | IEEE Std 1789-2015: For photosensitive seizure, steady-state ON is Low Risk. Flash patterns are Medium Risk. Risk re flicker has No Effect (PWM > = 3 kHz) |
| MEMORY AND FORMAT | |
| STORAGE FOR AUDIO FILES | 1 GB storage for audio (WAV or MP3) |

| INPUT/OUTPUT | | | |
|---|---|--|--------|
| RELAY INPUT | Normally open or normally closed dry contact with supervision. Algo 1202 Call Button, 1203 Call Switch, 1204 Volume Control, EOL termination. | | |
| RELAY OUTPUT | Max 30 V 50 mA (normally open) | | |
| RELAY INPUT CURRENT DRAW DETECTION THRESHOLD | | | |
| | ACTIVE | IDLE | TAMPER |
| NORMALLY OPEN | > 4 mA | < 4 mA | N/A |
| NORMALLY OPEN WITH SUPERVISION | > 20 mAv | 4-20 mA | < 4 mA |
| NORMALLY CLOSED | < 4 mA | > 4 mA | N/A |
| NORMALLY CLOSED WITH SUPERVISION | 4-20 mA | > 20 mA | < 4 mA |
| NOMINAL 12 V SOURCE, CURRENT LIMITED TO 40 MA | | Typical supervision resistor value = 1 k Ohm | |

| ENVIRONMENTAL & MECHANICAL | |
|--|---|
| ENVIRONMENTAL | -40 to +123 deg F (-40 to +50 deg C) Outdoor/wet environments require installation using supplied gaskets on smooth surfaces or electrical box. IP66 C62rated if properly installed. |
| DIMENSIONS (PRODUCT) | 4.8" x 4.8" x 3" (12.2 cm x 12.2 cm x 7.6 cm) |
| WEIGHT (PRODUCT) | 1.0 lbs (0.5 kg) |
| WEIGHT (SHIPPING) | 1.4 lbs (0.6 kg) |
| MOUNTING | Plastic mounting bracket included fitting single and double gang electrical boxes or low voltage brackets. |
| COMPLIANCE | |
| RoHS, CE, FCC Class A, CISPR 22 Class A, CISPR 24, CSA/UL (USA & Canada) | |

BACK



BRACKET WITH GASKET



ORDERING CODES:

8138 IP Multicolor Visual Alserter

8138-IC InformaCast IP Multicolor Visual Alserter

