

Algo 8138 IP Colour Visual Alerter



Product Name: Algo 8138 IP Colour Visual Alerter

Manufacturer: Algo

Model Number: algo-8138

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The Algo 8138 is a four colour LED visual alerting IP endpoint in amber, blue, green and red. This PoE IP strobe light is designed for telephone ringing where noise, noise sensitivity or hearing impairment are at issue. Together with Algo IP speakers, the 8138 is also commonly deployed as part of public address (PA) and mass notification systems to visually alert for safety, security and emergency events.

Algo 8138 Key Features

- Multi-color IP alerter for public address (PA) and alert notification.
- Secure SIP using TLS and SRTP.
- Multicast to scale from one to many synchronized strobes.
- Long-life LEDs providing 360 x 180 degree visibility from a wall or ceiling mount location.
- 180 combinations of flash patterns, intensity and color including steady-state on.
- Amber, blue, green and red LED color options to distinguish unique events and enhance situational awareness. (Use Algo 8128 for white).
- Configuration via user friendly web interface or auto-provisioning.
- PoE (IEEE 802.3af).
- Ideal for noisy workplace environments or where hearing protect is worn (e.g., manufacturing plant / factory, utility, warehouse, machine shop, garage, restaurant), noise sensitive areas (e.g., hospital maternity ward, court room, studio, library) and expansive facilities such as a school / college / university campus, transportation terminal (i.e., airport, bus / rail station), hospital, government office, enterprise campus, etc.

Algo 8138 Technical Specifications

General

- Power Input: PoE IEEE 802.3af Idle nominal 2.0W maximum 12.95W
- SIP: 50 SIP extensions for activation or cancellation of visual alerting. UDP, TCP, TLS, RTP, SRTP
- Multicast: Transmit/receive 50 zones IGMP, RTP, InformaCast, Revolution*, Polycom GroupPage
- Configuration: Web interface or provisioning server
- Web Interface: HTTP, HTTPS
- Provisioning: TFTP, FTP, HTTP, HTTPSDHCP Options 66, 150, 160 Reboot via SIP check-sync
- Networking: IPv4, IPv6, DHCP, VLAN, MDNS
- Link Layer: LLDP, CDP
- QoS: DSCP
- Supervision: SNMP V3
- 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)
- API Support: RESTful API (developer support available from Algo)
- Enclosure: High impact UV stabilized flame retardant plastic with mounting plate and gasket kit
- LEDs: 64 CREE LEDs (16 each amber, blue, green, red)
- Flux: 370-690 Lumens (color dependent)
- Peak Intensity: 102-190 Candela (color dependent)

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• Flash Patterns: 20 Configurable from 180 combinations of LED flashpattern, intensity, and color(s).

• 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 considered MEDIUM RISK.Risk re flicker NO EFFECT (PWM >= 3 kHz)

• Relay Output: Normally open dry contact closure50mA 30V Max. Activation event configurable.

• Relay Input: Detect normally open or normally closed dry contacts.Max 6.5 kOhm external resistance. Compatible with 1202 & 1203 Call Buttons. Contact Algo for application assistanceusing EOL resistors for supervision.

• Environmental: -40 to +123 deg F (-40 to +50 deg C)Outdoor/wet environments require installation usingsupplied gaskets on smooth surfaces or electrical box. IP66rated if properly installed.

• Dimensions: 4.8" W x 4.8" H x 3.0" D(12.2cm W x 12.2cm H x 7.6cm D)

• Weight: 1.5 Lbs (0.7 kg)

• Mounting: Plastic mounting bracket included fitting single and doublegang electrical boxes or low voltage brackets.

• Regulatory Compliance:IEEE 802.3-2018, RoHS, CE, FCC Class A, CISPR 32 ClassA, CISPR 24, CSA/UL (USA & Canada) & IEC 62368-1

Price: £525.00