

Algo 8300 Controller



Product Name: Algo 8300 Controller

Manufacturer: Algo

Model Number: Algo-8300

Algo 8300 Controller

The 8300 Algo IP Endpoint Supervisor (Controller) is designed for centralized device monitoring and supervision of Algo IP endpoints, particularly with larger enterprise deployments. Any Algo SIP product including speakers, paging adapters, strobe lights and doorphones / intercoms are supported by the 8300. Endpoint status is displayed in a convenient browser-based dashboard, with available options to configure notification alerts.

The 8300 Algo IP Endpoint Supervisor (Controller) is UL/CSA, FCC and CE certified.

Key Features:

- Network supervision and monitoring of Algo IP endpoints to ensure higher system reliability, particularly for mission critical voice paging / public address (PA) and emergency notification deployments.

- Efficient time-saving management and problem resolution of Algo IP endpoints to minimize down time.

- Configuration and endpoint supervision via user friendly web interface / dashboard.

- Alerting options via multicast, call to an extension and play a recorded announcement or email message.

- Secure SIP using TLS and SRTP.

- PoE (IEEE 802.3af).

- Ideal for enterprise deployments in education, healthcare, manufacturing, government, retail, etc.

Centralised Supervision & Monitoring

The 8300 provides supervision and monitoring of Algo IP endpoints, and to notify / alert when a device is not reachable or offline. Configuration options include playing an alert via multicast and/or audio output. Alternatively, a SIP call to a target extension can be configured to play a message as an alert. In either scenario email alerts can be simultaneously configured. Any number and combination of Algo IP speakers, paging adapters and strobe lights can be part of an RTP multicast for notification purposes, where multicast zones can direct alerts to specific locations as desired.

In addition to offline status, other device status conditions visible via the 8300 dashboard include: online, software failure, SNMP disabled, and warning if the Controller is trying to reach the device.

Monitoring intervals are also configurable.

Email alerts can also be configured in the 8300 for disconnected devices and heartbeat monitoring, even if no devices are offline.

Device details such as IP address, MAC address, Algo part no. and username of the device are also displayed in the dashboard, providing a convenient high-level summary of all Algo endpoints deployed. Up to 350 endpoints are currently supported.

Benefits of the PoE Algo IP Endpoint Controller

- Network supervision and monitoring of Algo IP endpoints to ensure higher system reliability, particularly for mission critical voice paging and emergency notification deployments.

- Web browser convenience for centralized Algo device details and status condition.

- Efficient time-saving management and problem resolution of Algo IP endpoints to minimize downtime.

- Improved Rol.

- PoE (IEEE 802.3af).

Algo 8300 Controller - Technical Specifications

Specifications:

Algo 8300 Controller

• Power Input: PoE (IEEE 802.3af Class 0) 48V, 12.95W
• Max Power: 4W
• Idle Power: 2W

Networking:

• Networking: IPv4, DHCP, VLAN
• Link Layer: LLDP, CDP
• QOS: DSCP (SIP, RTP, RTCP)
• NAT: STUN, TURN, CRLF Keep Alive, SIP Outbound

Audio:

• Audio Memory: 1 GByte Audio Storage

Input/Output:

• Relay Input: Not configurable
• Relay Output: MAX 30V 50mA (normally open)

Environmental and Mechanical:

• Environmental: 0 to + 40°C (32 to 104°F); 10-95% RH non-condensing. Dry indoor locations only.
• Dimensions: 6.75" x 4.3" x 1.18" (17.2 cm x 10.9 cm x 3.0 cm)
• Weight: 0.85 lbs (0.4 kg)

Price: Â£499.40