

IP Controller for Device Management and Supervision

Oversee your entire range of Algo IP Endpoints from a single dashboard, manage devices, and receive immediate notifications of status change.



The 8300 IP Controller is an endpoint supervision tool designed for centralized device monitoring and management for Algo IP Endpoints. The 8300 provides system reliability for mission-critical voice paging / public address (PA) and emergency notification systems.

As a supervision tool, the Algo 8300 offers a display of Algo devices on a single dashboard to be seen at a glance. Device status conditions for Algo IP Endpoints can include software version, firmware upgrade availability, SNMP disabled, and a warning if the Controller cannot reach a device.

Devices registered on the network can be easily managed by the Algo 8300 IP Controller. Multiple activities can be performed on Algo IP Endpoints, enabling users to easily organize, group, and locate devices.

The Algo 8300 can instantly notify users via an alert or email when a device is unable to be reached or goes offline. With multicast capabilities, the 8300 can be configured to multicast to any number or combination of Algo endpoints to notify users when a device is offline. Email notifications can also be configured instead of or simultaneously with endpoint alerts to ensure system IT managers are made aware of device status changes.

FEATURES

- Network supervision and monitoring of Algo IP Endpoints.
- Manage devices from the dashboard.
- View device info and status of registered Algo IP Endpoints.
- Receive email notifications of device status changes (i.e. disconnection).
- Secure SIP using TLS and SRTP.
- Accessible via device web interface.
- PoE powered (IEEE 802.3af).

APPLICATIONS

- Ideal for large deployments.
- Integrator deployment tool for instant device monitoring and management.
- Provide notification alerting for device disconnect or updates.
- For mission critical paging and emergency notification system reliability.
- Where IT administrative procedures require proactive management of network devices to minimize impact of offline and disconnected endpoints.
- Locate all Algo IP Endpoints registered on your network.

POWER

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|-------------|--|
| POWER INPUT | PoE (IEEE 802.3af Class 0) 48 V, 12.95 W |
| MAX POWER | 4 W |
| IDLE POWER | 2 W |

SIP

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| SIP EXTENSIONS | One extension for Alert of offline devices |
| SIP SIGNALLING/ TRANSPORT PROTOCOLS | UDP, TCP, RTP |
| SECURITY | TLS, SRTP, Mutual Authentication |
| AUDIO CODECS (SIP) | G.711 u-law, G.711 A-law, G.722 Wideband |

MULTICAST & THIRD-PARTY COMPATIBILITY

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|---------------|---|
| RTP MULTICAST | Transmit only, for Alert of offline devices |
| AUDIO CODECS | G.711 u-law, G.711 A-law, G.722 Wideband, Opus Fullband |

CONFIGURATION & PROVISIONING

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|---------------|--------------------------------------|
| CONFIGURATION | Web interface or provisioning server |
| WEB INTERFACE | HTTP, HTTPS |
| SUPERVISION | SNMP |

NETWORKING

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|--------------------|---|
| NETWORKING | IPv4, DHCP, VLAN |
| LINK LAYER | LLDP, CDP |
| QOS | DSCP |
| NAT | STUN, TURN, CRLF Keep Alive, SIP Outbound |
| ADDRESS RESOLUTION | DNS, SRV Record |
| REDUNDANCY | Secondary & tertiary SIP server |
| TIME | NTP Server (up to four) |

AUDIO

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| AUDIO MEMORY & FORMAT | 1 GByte audio storage for WAV or MP3 files |
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INPUT/OUTPUT

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|--------------|--|
| RELAY INPUT | Not configurable |
| RELAY OUTPUT | Max 30 V 50 mA (normally open) |
| AUX IN | Not applicable |
| AUX OUT | 3.5mm jack for analog line level output for compatible PC speakers or headset (Non-isolated) |

ENVIRONMENTAL & MECHANICAL

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|----------------------|---|
| ENVIRONMENTAL | 0 to 40° C (32 to 104° F); 10-95% Relative Humidity, non-condensing. Dry indoor locations only. |
| DIMENSIONS (PRODUCT) | 6.75" x 4.3" x 1.18" (17.2 cm x 10.9 cm x 3.0 cm) |
| WEIGHT (PRODUCT) | 0.9 lbs (0.4 kg) |
| WEIGHT (SHIPPING) | 1.5 lbs (0.7 kg) |
| MOUNTING | Snap mounting bracket included |

COMPLIANCE

RoHS, CE, FCC Class A, CISPR 22 Class A, CISPR 24, CSA/UL (USA & Canada), EN60950

FRONT CONNECTORS



BACK CONNECTORS



ORDERING CODE:

8300 IP Controller

COMPATIBLE DEVICES:

Any Algo IP Endpoint, including IP Speakers, IP Intercoms, IP Paging Adapters and IP Visual Alerters.

