IP Command Center
Elevator Lobby & Machine Room Communication

IP-based elevator communication for flexible, scalable connectivity.

- Uses VoIP to support buildings without traditional phone lines.
- Operates on existing LAN or dedicated network infrastructure.
- Zoned system with LED and audible alerts identifies calls.
- Supports off-site calling, intercom, and call queuing
- Scalable system supports multiple elevator and comms devices.
- Compliant with ASME A17.1, IBC, FCC, RoHS, and ADA requirements. CE listed.

Specifications

	Surface Mount IP Command Center	Flush Mount IP Command Center	Desk Mount IP Command Center	Distribution Module (1 Included Per System)
Part Numbers	**10 Zone:** 2500-10RCV* **32 Zone:** 2500-32RCV* **48 Zone:** 2500-48RCV* **96 Zone:** 2500-96RCV* **128 Zone:** 2500-128RCV*	**10 Zone:** 2500-10RCFV* **32 Zone:** 2500-32RCFV* **48 Zone:** 2500-48RCFV* **96 Zone:** 2500-96RCFV* **128 Zone:** 2500-128RCFV*	**10 Zone:** 2500-10NCV* **32 Zone:** 2500-32NCV* **48 Zone:** 2500-48NCV* **96 Zone:** 2500-96NCV* **128 Zone:** 2500-128NCV*	Included with system
Mounting	Surface / Wall	In-Wall	Desk or Wall	Rack or Wall
Cabinet Dimensions	**12-16 Zone:** 15.14″ x 12.0″ x 6.19″ **36-116 Zone:** 21.03″ x 20.3″ x 5.19″	**12-16 Zone:** FRONT FRAME 16.06″ x 14.0″ x 3.07″ BACK BOX 15.64″ x 12.0″ x 3.0″ **36-116 Zone:** FRONT FRAME 21.13″ x 25.0″ x 3.06″ BACK BOX 20.66″ x 23.0″ x 3.0″	9.72" × 7.20" × 1.69" (without stand)	**12-36 Zone:** 2.04″ x 17.28″ x 11.8″ **36-116 Zone:** 6.83″ x 17.18″ x 8.9″
Weight	**12-16 Zone:** 16.1 lbs **28-96 Zone:** 34.9 lbs	**12-16 Zone:** 21.1 lbs **28-96 Zone:** 39.0 lbs	**12-16 Zone:** 1.78 lbs **28-96 Zone:** 2.43 lbs	**12-36 Zone:** 5.55 lbs **56-116 Zone:** 12.3 lbs
Voltage	28 VDC	28 VDC	28 VDC	110 VDC

*One "zone" per elevator car or machine room phone.
**POE IP model available by request

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Specifications Continued

	Surface Mount IP Command Center	Flush Mount IP Command Center	Desk Mount IPCommand Center	Distribution Module (1 Included Per System)
Enclosure	Powder-Coated Steel	Powder-Coated Steel	Plastic	**10-48 Zone:** Plastic **96-128 Zone:** Powder-Coated Steel
Communicaiton	Digital	Digital	Digital	Analog / VoIP
Power Source	Distribution Module	Distribution Module	Distribution Module	110 VAC
Wiring Requirements	Single Pair 22 - 24 AWG to Distribution Module	Single Pair 22 - 24 AWG to Distribution Module	Single Pair 22 - 24 AWG to Distribution Module	Ethernet cable to building network
Site/Cabling Requirements	Single Pair 22 - 24 AWG Cabling	Single Pair 22 - 24 AWG Cabling	Single Pair 22 - 24 AWG Cabling	Analog Phone Line (if offsite calling), Battery Backed Up, 110 VAC Power, Network / Ethernet Cabling, Internal Network with Router and Switch
Included Components	Command Center Phone in Enclosure,Phone Line Cord	Command Center Phone in Enclosure, Phone Line Cord	Command Center Phone, Desk Mount Stand Phone Line Cord	Distribution Module, Wiring Harnesses, Ethernet Cable, Power Cable
Warranty	2 Years	2 Years	2 Years	2 Years
Environmental	32 - 113 °F	32 - 113 °F	32 - 113 °F	32 - 113 °F
Compatible AVIRE Products	RATHv® 2100-LTEGSM4, RATH® 8100-V4GS, RATH® RP7700104, RATH® RP7701500, RATH® SmartView 2 7200, RATH® SmartView 2 7200M, RATH® 2300-630RC, JANUS® G3, JANUS® MG3			

Supplementary Information

Phone Line Requirements (if outbound calling required)*

Phone Line Voltage On-Hook	45 - 54 VDC (nominally 48 VDC)
Phone Line Voltage Off-Hook	4 - 8 VDC (nominally 5 VDC)
Operating Loop Current Range	22 - 29 mA (20 mA typical)
Dialing	DTMF (Dual Tone Multi-Frequency)
Frequency Response	550 - 3400 Hz, +/- 3 db
Ring Sensitivity	30 - 120 VAC RMS
Operational Loop Impedance	600 ohms
Open-Loop Disconnect Signal	@ 500m/s
FCC Regulation No.	US: MTXIS00AETERNITY

*Requires an analog (POTS, PBX, or central office) phone line. If using VoIP, cellular line, or digital line, the line must be converted to analog and capable of supporting modem modulated devices before connecting.
Ring-down style phone lines are not compatible with the RATH Command Center.