

2500 SmartView Command Center

For In-Building Communication Systems



Scalable command center for elevator communication.

- Versatile solution for buildings with elevators traveling over 60 ft.
- Provides voice communication through analog phone and text communication through in-car display.
- Enables visual assessment with live elevator camera feeds.
- Zoned design provides individual elevator connections with minimal wiring.
- Supports off-site calling or intercom-only operation.
- Complies with ASME A17.1 2019/CSA B44-19, IBC 2018, FCC Part 15, IEC 61000, ISED, and ADA.



Specifications

	Surface Mount Command Center	Flush Mount Command Center	Distribution Module (1 included per system)
Part Numbers	12 Zone: 2500-12RCSV* 28 Zone: 2500-28RCSV* 56 Zone: 2500-56RCSV* 96 Zone: 2500-96RCSV*	12 Zone: 2500-12RCFSV* 28 Zone: 2500-28RCFSV* 56 Zone: 2500-56RCFSV* 96 Zone: 2500-96RCFSV*	N/A
Mounting	Surface / Wall	Flush / In-Wall	Wall or Rack
Cabinet Dimensions	221.03" x 20.3" x 5.19"	Front Frame: 21.13" x 25.0" x 3.06" Back Box: 20.66" x 23.0" x 3.0"	12-36 Zone: 2.04" x 17.28" x 11.8" 56-76 Zone: 6.83" x 17.18" x 8.9"
Enclosure	Powder-Coated (PC) Steel	PC Steel	12-28 Zone: Plastic 56-96 Zone: PC Steel
Weight	33.50 lbs	38.0 lbs	12-28 Zone: 5.55 lbs 56-96 Zone: 12.30 lbs
Communication	Digital	Digital	Analog

*One "zone" per elevator car or machine room phone.
Contact RATH by AVIRE for larger systems or multi-line configurations.

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Specifications Continued

	Surface Mount Command Center	Flush Mount Command Center	Distribution Module (1 included per system)
Power Source	Phone: Distribution Module PC+Display: 110 VAC	Phone: Distribution Module PC+Display: 110 VAC	110 VAC
Voltage	Phone: 28 VDC Display: 9 VDC PC: 12 VDC	Phone: 28 VDC Display: 9 VDC PC: 12 VDC	110 VAC
Warranty	2 Years	2 Years	2 Years
Wiring Requirements	Single Pair 22 AWG - 24 AWG to Distribution Module, Ethernet	Single Pair 22 AWG - 24 AWG to Distribution Module, Ethernet	Single Pair 22 AWG - 24 AWG to Elevator / Machine Room, Phone Line (tip and ring)
Site Requirements	Outbound Internet Connection, Battery Backed Up 110 VAC Power	Outbound Internet Connection, Battery Backed Up 110 VAC Power	Analog Phone Line, Battery Backed Up 110 VAC Power
Environmental	32°F - 113°F	32°F - 113°F	32°F - 113°F
Compatible RATH® Products	Voice & Data Cellular Gateways, Backup Power Options In-Building Communication Systems	Voice & Data Cellular Gateways, Backup Power Options In-Building Communication Systems	Voice & Data Cellular Gateways, Backup Power Options In-Building Communication Systems
Included Components	Command Center Phone, Touch-Screen Display, Mini-PC, Plug-In Transformers, Phone Line Cord, Ethernet Cable	Command Center Phone, Touch-Screen Display, Mini-PC, Plug-In Transformers, Phone Line Cord, Ethernet Cable	Distribution Module, Wiring Harness, Power Cable

Supplemental Information

Phone Line Requirements (if outbound calling required)

On-Hook Phone Line Voltage	45 - 54 VDC (nominally 48 VDC)	Operational Loop Impedance	600 ohms
Off-Hook Phone Line Voltage	4 - 8 VDC (nominally 5 VDC)	Open-Loop Disconnect Signal	@ 500 m/s
Operating Loop Current Range	2 Years	Operating Current Range	25 - 55 mA
Dialing	Dual Tone Multi-Frequency (DTMF)	REN	0.9 B
Frequency Response	550 - 3400 Hz, +/- 3 db	Industry Canada No.	C22.2 No.60950-1-07, 2nd Ed: 1673A-2600
Ring Sensitivity	30 - 120 VAC RMS	FCC Regulation No.	US: MTX1S00AETERNITY

Electrical

Distribution Module	100 - 240 VAC, 47-60 Hz
Display	9 V @ 1.2A
Mini PC	12 VAC @ 1.5A

AVIRE Product Compatibility

RATH® SmartView 2 All-In-One, RATH® SmartView 2 Modular, RATH® SmartView 1, RATH® Elevator Emergency Phones, JANUS® G3, JANUS® MG3 Elevator Emergency Phone, and RATH® 2300-630RC Machine Room Phone

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