

2500 Series

IP Command Center System Command Centers



Scalable emergency call management for IP-based communication systems.

- Manages emergency calls from up to 128 call boxes.
- Uses existing LAN or dedicated networks to reduce cabling.
- Supports main and Submaster Station configurations.
- Supports off-site calling and intercom-only operation.
- Built-in call queuing manages multiple call locations.
- Compliant with NFPA 72, IBC, and ADA requirements.



Specifications

	Surface Mount	Flush Mount	Desk
Dimensions (10 Zone)	15.14" × 12.0" × 6.19"	Front: 16.06" × 14.0" × 3.07" Back Box: 15.64" × 12.0" × 3.0"	9.72" × 7.20" × 1.69"
Dimensions (32–128 Zone)	21.03" × 20.30" × 5.19"	Front: 21.13" × 25.0" × 3.06" Back Box: 20.66" × 23.0" × 3.0"	9.72" × 7.20" × 1.69"
Weight (10 Zone)	16.10 lbs	21.10 lbs	1.78 lbs
Weight (32–128 Zone)	34.90 lbs	39.00 lbs	2.43 lbs
Enclosure	Powder-Coated Steel	Powder-Coated Steel	Plastic
System Capacity	10-128 Call Boxes		
Wiring	Single pair, 22–24 AWG or IP		
Max. Wiring Distance	300 ft Ethernet; 6,200 ft (22 AWG); 3,900 ft (24 AWG)		
Power Source	Distribution Module or PoE		
Communication	Ethernet / IP		
Operating Temp.	32°F to 113°F		
Warranty	2 Years		

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Phone Line Requirements

On-Hook Voltage	45–54 VDC (48 VDC nominal)
Off-Hook Voltage	4–8 VDC (5 VDC nominal)
Operating Loop Current	22–29 mA (20 mA typical)
Dialing	DTMF (Dual Tone Multi-Frequency)
Frequency Response	550–3400 Hz $\pm$ 3 dB
Ring Sensitivity	30–120 VAC RMS
Operational Loop Impedance	600 ohms
Open-Loop Disconnect	500 ms

Part Numbers

	Zones	Main	Standard Hardwired Submaster	PoE Submaster
Surface	10	2500-10RCV	2500-10BV	2500-10BVIP
	32	2500-32RCV	2500-32BV	2500-32BVIP
	48	2500-48RCV	2500-48BV	2500-48BVIP
	96	2500-96XRCV	2500-96XBV	2500-96XBVIP
	128	2500-128XRCV	2500-128XBV	2500-128XBVIP
Flush	10	2500-10RCFV	2500-10FV	2500-10FVIP
	32	2500-32RCFV	2500-32FV	2500-32FVIP
	48	2500-48RCFV	2500-48FV	2500-48FVIP
	96	2500-96XRCFV	2500-96XFV	2500-96XFVIP
	128	2500-128XRCFV	2500-128XFV	2500-128XFVIP
Desk	10	2500-10NCV	-	2500-10DVIP
	32	2500-32NCV	-	2500-32DVIP
	48	2500-48NCV	-	2500-48DVIP
	96	2500-96XNCV	-	2500-96XDVIP
	128	2500-128XNCV	-	2500-128XDVIP