

Cerato Vision IP



Experience the Power of Voice & Data Convergence

The Teltronics Cerato Vision IP provides communication solutions designed to meet the needs of stand-alone small-to-medium sized businesses and networked remote offices that want to capitalize on the cost benefits of converged voice and data solutions.

Exceptional Voice Quality and Reliability

Voice communications are essential to the success of any business. The Cerato Vision IP communications systems make businesses more productive, more efficient, and more responsive. The Cerato Vision IP assures high-quality voice and monitors calls for jitter, packet loss and latency to deliver 99.999% reliability. With decades of experience and leadership, Teltronics is well known for delivering superior voice quality.

- Stand-alone or Multi-site Voice System
- Superior Quality, Reliability & Scalability
- Protect Communications Investment
- Reduce Communications Cost
- Wide Variety of Phones
- Essential Voice & Messaging Features

Scales with the Needs of Your Business

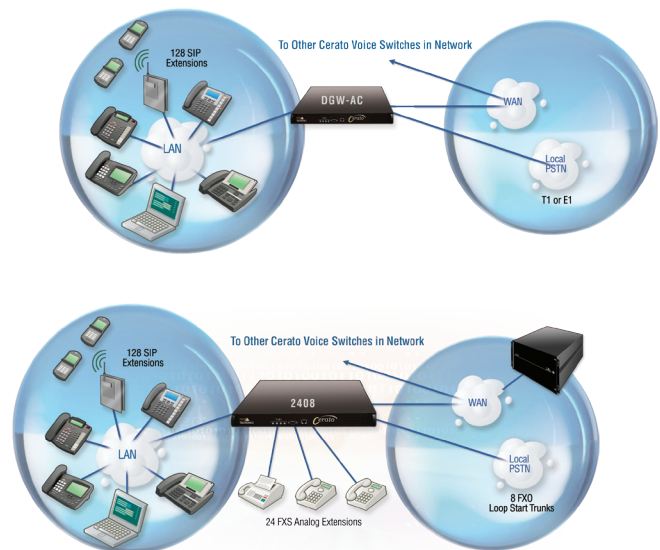
Businesses need to ensure the technology solutions purchased today are flexible enough to grow with a rapidly evolving business environment. The Cerato Vision IP enables seamless migration to IP convergence in phases from a hybrid environment to a pure IP environment. Whether businesses are ready for convergence today or a year from now, the options are open and the investment secure.

The Cerato Vision IP includes a complete family of analog, digital and VoIP interfaces available in compact stand-alone or stackable space-efficient configurations supporting up to 255 networked units.

Reduce Communication Costs

In addition to the benefit of cost reduction involved with network consolidation, Teltronics offers exceptional ease-of-installation, ease-of-use and a centralized management console to significantly lower ongoing maintenance and operating expenditures. The easy-to-navigate graphical administrative interface takes the complexity out of system administration.

Another benefit of the Cerato Vision IP solution is the ability to extend VoIP cost savings to an existing hybrid environment. With VoIP, callers have the flexibility to make and receive phone calls anywhere there is a broadband network, improving response time to customers, increasing employee productivity and saving on voice communication cost for remote and traveling employees.



Extend the power of converged voice and data to your business

Wide-Variety of Phones

Teltronics phones incorporate a sleek design, improved ergonomics, flexibility and enterprise-class voice quality that users expect. With a wide variety of VoIP, SIP and analog-mode phones from which to choose, businesses have the flexibility to match user requirements with phone features.



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Model	Cerato Vision Analog 804		Cerato Vision Analog 2408		Cerato Vision Analog 3200		Cerato Vision Digital 6GW	
Interfaces								
IP phones	128		128		128		128	
Analog phones	8		24		32		0	
Analog Trunk ports	4		8		0		0	
Digital Trunk ports	0		0		0		0	
Network Interface	10/100 Base T Ethernet, RJ-45 Connection, 802.1p p-tagging and V-LAN Support							
Trunks								
Analog								
FXS Interface	DTMF, 50 Vrms Ring Generator						N/A	
FXO Interface	Loop Start, DTMF, Dial Pulse						N/A	
Digital T1								
PRI	No						NI-2, 4ESS, 5ESS, DMS100	
CAS	No						Loop/Ground Start, E&M Wink & Immediate	
Coding & Framing	No						ZCS/AMI or B&ZS & D4 or ESF	
Digital E1								
ISDN	No						NET5	
CAS	No						Loop/Ground Start, E&M Wink & Immediate	
Coding & Framing	No						AMI or HDB3 and CRC4 off or on	
Power								
	AC Power		DC Power		AC Power		AC Power	
Input Power	110/220 VAC 50/60Hz		48 VDC		110/220 VAC 50/60Hz		110/220 VAC 50/60Hz	
Input Current	0.24A/110 Vac - 0.12/220 Vac		0.56 AMP		0.44A/110 Vac - 0.22A/220 Vac		0.52A/110vac - 0.26A/220vac	
Power Consumption	27 W		27 W		49 W		58 W	
Power Dissipation	27 W		27 W		49 W		58 W	
FXS Ringing Voltage	5 REN - 40 Vac		5 REN - 40 Vac		40 - 90 Vac		40 - 90 Vac	
							0.11A/110 Vac - 0.055/220 Vac	
							12 W	
							12 W	
							N/A	
							N/A	
Physical Specifications								
19" rack mount	Yes		Desktop/Wall Mount		Yes		Yes	
Dimensions	17.25x9.25x1.75 in		8.5x9.25x1.25 in		17.5x20.25x1.75 in 44.4x25.7x4.4		17.5x20.25x1.75 in	
2 Units on a 1 U rack shelf	44.4x25.7x4.4 mm		21.5x23.5x3.2 mm		mm		44.4x25.7x4.4 mm	
Weight	7.5 lb / 3.4 Kg		3.3 lb / 1.5 Kg		16 lb / 7.3 Kg		16 lb / 7.3 Kg	
							7.5 lb / 3.4 Kg	
							3.3 lb / 1.5 Kg	
Environmental								
Operating Temperature	20 to 50 C							
Operating Humidity	20-80% non-condensing							
Storage Temperature	30 to 70 C							

- System Features:** Management Console, Dial Plan with failover destination and least cost routing, Caller ID Name, Caller ID Number, Call Detail Records, Class of Service, Trunk Groups, Announcements, Auto Attendant, Message Waiting Indicator, Music On-Hold, DHCP Support, Remote Access and Voice Mail
- Phone Features:** Conferencing (3-way), Forward- Busy/No Answer, Forward-All Calls, Hold, Park, Pick-up, Supervised Transfer, Unsupervised Transfer, Caller ID, Called Party UD, Call List, Speed Dial, Directory, Direct Dial, Outlook Dialing, Paging, Redial, Shared Extensions, Extension Monitoring
- Internetworking Features:** Centralized Voice Mail, Call Signaling, Auto Re-direct, Multi-point Network Connections
- Supported Phones:** Teltronics SIP 51i, SIP 53i, SIP 55i, SIP 57i, 536M & 560M programmable expansion modules, Teltronics 3-line 2903 & 3903, Teltronics 13-line 2215 & 3215, CIP2 Softphone, the Polycom 600 series and wireless phone support available
- Voice Quality:** G.168 Echo Cancellation, VoIP Packet Coalescing, SIP RFC 3261 & 2833, DTM Detection, Auto Code Negotiation, Dynamic Jitter Buffer, Loss Packet Handling
- Voice Codecs:** G.711 1-law, G.711 a,b, Voice Activity Detection, and Comfort Noise Generation
- Fax Support:** Modem, T.38 and Fax Clear Channel Auto Detect
- SIP Trunks:** RFC 3261-SIP, RFC 2976-SIP Info, RFC 3821- SIP Replace, RFC 3515- SIP Refer, RFC 2396-URI, RFC 2388-DTMF, DTMF-RTP in-band

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