


viaIP MCU SPECIFICATIONS

	MCU 15 	MCU 30 	MCU 60 	MCU 100 ⁴ 	
Voice Only	26 Ports	45 Ports	90 Ports	150 Ports	
128 Kbps	15 Ports	30 Ports	60 Ports	100 Ports	
384 Kbps	12 Ports	24 Ports	48 Ports	70 Ports	
512 Kbps	12 Ports	24 Ports	48 Ports	60 Ports	
768 Kbps	12 Ports	24 Ports	48 Ports	48 Ports	
1.5 MB	6 Ports	12 Ports	24 Ports	28 Ports	
2 MB	4 Ports	8 Ports	16 Ports	22 Ports	
Maximum Audio Transcoding Ports	15 Ports	30 Ports	48 ¹ Ports	15 Ports	
Supported Protocols:	Optional Audio Transcoder Module:	Video Coding:	Supported Resolutions:	Data Protocols:	Interfaces:
<ul style="list-style-type: none"> • H.323 V.4 • SIP • 3G-324M² • H.235 - (AES & DES)⁴ • H.320¹ • H.239 	<ul style="list-style-type: none"> • G.711 A/μ Law • G.722 • G.722.1 • G.723.1 • G.728 • G.729 A 	<ul style="list-style-type: none"> • H.261 • H.263 • H.263+ /++ • H.264 	<ul style="list-style-type: none"> • QCIF • CIF • 4CIF • SIF • 4SIF • VGA • SVGA • XGA 	<ul style="list-style-type: none"> • T.120 • H.281 FECC 	<ul style="list-style-type: none"> • IP - 10/100BASE-T Ethernet IP network UTP connection • Serial - RS-232 DTE 9-pin D-type connection • PRI² • BRI² • V.35²

Easy, intuitive and automated conferencing administration and control	Advanced multimedia, quality of service and security	Seamless support of any protocol, media and device
<p>Web-Based Monitoring and Control: With simple user-friendly configuration the viaIP Administrator web interface provides remote monitoring and configuration from any location using a Java-enabled web browser:</p> <ul style="list-style-type: none"> • Real time conference control capabilities • Password protection • Multiple user access level : <ul style="list-style-type: none"> - Administrator - Conference Manager - User • Conference statistics • Drag and Drop • Sub-Conferencing • Conference Admission • Operator Assistance <p>Complete suite of display and layout options to meet your needs³ :</p> <ul style="list-style-type: none"> • Continuous Presence mode enables an enhanced and simultaneous view of conference participants with a choice of 26 different layouts that can vary in choice from 16, 1+12, 2+8, 9, 1+7, 3+4, 1+5, 4,3,2 and 1 • Dynamic Layout according to the number of conference participants • Multiple voice activated modes including All See One, See You See Me, Auto-Zoom and Recent • Automatic Switching • Text and Frame Overlay • Supports symmetrical and asymmetrical up and down streams for optimal bandwidth utilization, and ADSL networks <p>Custom IVR Messages: IVR messages can be recorded to provide custom greetings and announcements</p>	<p>Down Speeding: Enables the completion and maintaining of a call during loss of ISDN B channels</p> <p>Net-Save Bandwidth Optimization: Save on network resources with direct commands to the terminals to discontinue sending video streams of participants not displayed on screen</p> <p>QualiVision™ provides highly improved, standard-based video quality for networks with packet loss, assuring best video quality at all times</p> <p>Quality of Service (QoS): Support for Diffserve QoS</p> <p>Rate Matching: Each endpoint in a videoconference can participate according to individual video bandwidth capabilities without affecting the connection of other participants</p> <p>Security and Privacy:</p> <ul style="list-style-type: none"> • Password-controlled access to all web interfaces • H.235 (AES and DES) encryption for privacy of content <p>Cascading: Supports the bridging of several separate conferences using either IP or ISDN connections to create very large conferences</p>	<p>SIP protocol support: Complete SIP support including:</p> <ul style="list-style-type: none"> • Full interoperability with ISDN, H.323, and 3G-324M networks • Full integration with Microsoft® Office Live Communications Server 2005 (LCS) allowing multipoint voice and video with Windows Messenger <p>Web-Initiated Data Collaboration Support: Enables conference participants to view diagrams, graphic presentations, slide lectures, whiteboard exchanges or rapid file transfers simultaneously with other videoconferencing participants from a standard Web browser</p> <p>Adaptive Multi-View of Data and/or Video</p> <ul style="list-style-type: none"> • Standard based H.239 and TANDBERG'S DuoVideo • Allows the user to view either the people or the presentation content <p>Streaming and Recording: The MCU provides standard interfaces which support streaming and recording servers (Available from "Starbak")</p> <p>XML based Software Developers Kit: Remote Access SDK enables remote management and call control capabilities using both SNMP and XML based APIs for development of vertical market applications</p>
Warranty: One year return-to-factory. Extended warranties and support services are available.		

¹ G.722.1 and G.728 codecs are limited to 30 transcoded ports. Other codecs require MVP support to achieve the maximum capacity. When MVP support is not available, the number of calls is 30

² Requires viaIP Gateway

³ Requires additional viaIP multimedia processing module (MVP)

⁴ Port capacities when using encryption are reduced by half. No encryption is available with MCU100