

# Vertical Wave IP 500



Wave IP 500 for branch and small offices supporting up to 50 users

Vertical's Wave IP Business Communications System delivers business telephony and applications that can increase employee productivity and reduce operating costs for businesses of any size – from small single-site businesses to larger multi-site enterprises. Wave IP integrates desktop and enterprise applications with voice communications in a streamlined system that is easy to deploy and manage. The Wave IP 500 system, for branch and small offices, offers a modular design, unique *Applications Inside*<sup>™</sup> architecture, extensive family of supported endpoints and powerful management tools.

## Standard Applications

Voicemail/Auto Attendant	√
ViewPoint Desktop Client	√
Personalized Call Routing	√
Personal Call Recording	√
System Call Recording	Up to 10 calls
Call Analysis Reports	√
Unified Messaging	√
Presence	√

## APIs

- Wave Client API
- TAPI
- VXML (Voice Server)

## Add-on Applications †

- Wave Contact Center
- Wave Contact Center Reporter
- Wave Voice Server
- Eyebeam Softphone
- WaveNet
- Wave Call Classifier

## Management & Reporting Applications

- Wave Global Administrator
- SNMP
- Trivium Call Analyst
- Wave Global Reporter
- Wave Global Manager

†Add-ons require licenses

# Key Features

Front Panel	
Analog Station/Trunk	2 Analog Station + 2 Loop Start Trunks (RJ21X)
USB Ports	3
Module Slots	3
Ethernet LAN/WAN	1 port (10/100)
Audio In	1 (3.5mm)
PA Out	1 (3.5mm)
Status LEDs	√

Mechanical	
19" Rack Mount	√
Wall Mount Option	√
Dimensions	17.5" w x 2.5" h x 13.25" d
Weight (base system)	8 lbs

Power	
Input voltage, frequency	Input voltage: 100 - 240 VAC, 50/60 Hz
Input current	Maximum 5A
Consumption/Dissipation	Maximum 950 BTU/hour

Environmental	
Operating Temperature	32° to 104° F (0° to 40° C)
Operating Humidity	80% maximum, non-condensing
Storage Temperature	-4° to 140° F (-20° to 60° C)

Edge 700



System Resources	
Embedded CPU	IXP 425 533 Mhz
Embedded Operating System	Linux 2.6
Vertical Application Module (VAM Server Module)	1GHz Celeron M/1GB RAM (ITX)
VAM OS	MSFT Windows 2003 Telephony Server Edition
Storage	Single (Standard) 80 GB SATA, 2nd drive (RAID 1 option)
Base Media Resource Modules*	60
Add-on Media Resource Modules (MRM A,B,C)*	MRM A 190, MRM B 200, MRM C 315
Integrated v.34 Modem	√
Fault Monitor	√
Temperature Sensors	√
CODECS	G.711, G.729
Trunks	
T1 w/DNI	1 module/24 channels
E1 w /DNI	1 module/30 channels
PRI w/DNI	1 module/24 channels
BRI w/DNI	3 modules/24 channels
Analog Loop Start	3 modules/26 channels
Analog DID Trunks	3 modules/24 channels
SIP (VoIP)	25 Trunks/Active External Calls
Voicemail	
Number of Mailboxes	1,000
Conferencing	
Ad Hoc Conferencing	25 ports
Expansion	
Expansion Chassis (EXUs)	Not expandable

\* Port estimates are based on standard IVR services. Port availability may vary based on services being used.

# Endpoints

Wave IP supports many combinations of wired and wireless phones, including SIP, digital and analog phones. To help leverage your investment and migration, Wave supports many Comdial and Vodavi branded digital phones.

Digital Telephones	
Edge 700 Family	VV-E700-8 8 Button Display VV-E700-24 24 Button Display
Edge 100 Family	VV-E100-12 12 Button Display VV-E100-24 24 Button Display
Comdial Family	8012S SCS 12 Button Display 8024S SCS 24 Button Display 8312SJ SCS 12 Button Display 8324SJ SCS 24 Button Display
Vodavi Family	3011-71 8 Button Enhanced 3012-71 8 Button Executive 3015-71 30 Button Executive 3017-71 30 Button FDX Executive
3rd Party	Spectralink (Comdial digital integration)
Digital Cordless	Vertical DECT

IP Telephones	
Vertical IP	8830, 8840, 9112i, 9133i, 480i, 480iCT
Aastra	53i, 55i, 57i, 9143i, 9480i

Analog Telephones	
Standard analog*	Yes

\* Message waiting for analog stations is FSK. 90V lamps not currently supported.

For more information or to place an order, contact your Certified Wave IP Business Partner, call Vertical at 877-VERTICAL (877-837-8422) or visit [www.vertical.com](http://www.vertical.com)

