

# 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. The Wave IP 500 system, for branch and small offices, offers a modular design, unique *Application Ready* architecture, extensive family of supported endpoints and powerful management tools.

## Standard Applications

Voicemail/Auto Attendant	√
ViewPoint Desktop Client	√
Integrated Softphone	√
Instant Messaging	√
Personalized Call Routing	√
Call logging	√
Personal Call Recording	√
System Call Recording	Up to 10 calls
Call Analysis Reports	√
Unified Messaging	√
Presence	√
Automatic Route Selection	√
Least Cost Routing	√

## Add-on Applications †

- Wave Contact Center (up to 10 agents)
- Wave Contact Center Reporter
- Wave Voice Server (IVR)
- Eyebeam Softphone
- WaveNet (site to site networking)
- Wave Call Classifier
- Wave Fax Manager

## Management & Reporting Applications

- Wave Global Administrator
- Instant Messaging Administrator and logging control panel
- SNMP (includes custom telephony MIB)
- Trivium Call Analyst ‡
- Wave Global Reporter
- Wave Global Manager

## APIs

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

† Add-ons require licenses

‡ 3<sup>rd</sup> party application not included with Wave IP

# Key Features

Front Panel	
Analog Station/Trunk	2 Analog Station + 2 Loop Start Trunks (RJ11)
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 5000 LLCD  
Executive Phone



System Resources	
Embedded CPU	IXP 455 266Mhz
Embedded Operating System	Linux 2.6
Vertical Application Module (VAM Server Module)	1.5 GHz Celeron/1GB RAM (ITX)
VAM OS	MSFT Windows 2003 Telephony Server Edition
Storage	Single 40 GB Solid-State Drive (SSD) + Single 160 GB SATA Hard Drive
Base Media Resource Modules*	60
Add-on Media Resource Modules (MRM A)	MRM A 90
Integrated v.34 Modem	√
Fault Monitor	√
Temperature Sensors	√
CODECS	G.711, G.729

Trunks	
T1 w/DNI (can support 1 PRI circuit in lieu of T1)	1 module/24 channels
E1 w/DNI	1 module/30 channels
BRI	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 IP supports many legacy 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	
Edge 5000 Family	VV-E5000i-8 8 Button Display VV-E5000i-24 24 Button Display VV-E5000i-LLCD LLCD Executive Display
Vertical IP	9112i, 9133i, 480i, 480iCT
Aastra	53i, 55i, 57i, 9143i, 9480i
3rd Party SIP	EyeBeam SoftPhone, LinkSys WIP330, UTS Starcom 1000
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 Authorized Wave IP Business Partner, call Vertical at 877-VERTICAL (877-837-8422) or visit [www.vertical.com](http://www.vertical.com)



Edge 700  
24 Button Phone

