



SPARSH VP110

The Business IP Phone

SPARSH VP110 is a new breed of entry-level SIP phone that redefines the desktop telephony experience and quality of business communications. It provides features and functions normally available in high-end phones such as large graphical LCD, 5-line display, context sensitive keys, full-duplex speakerphone, integrated PoE, auto provisioning and broad array of call management features. Perfect fit for everyday users with basic communication needs, SPARSH VP110 finds its applications in call centers, enterprises, small businesses and branch offices.

AT-A-GLANCE



Enhanced Desktop Viewing
132 x 64 Pixel Graphical Display



Simple Power Management
Integrated PoE (802.3af)



Easy to Use
Context Sensitive and Fixed Function Keys



Suitable for Mass Deployment
Auto Provision, TR069



Clear Voice
Full Duplex Speaker Phone with AEC, VAD, CNG



Future Ready
IPv6 Ready, PC and LAN Ports



Secure Communications
TLS/SRTP for Voice Security



Prepared for the Backup
Power Adaptor Included in the Box

TECHNICAL SPECIFICATIONS

AUDIO FEATURES

- Full-duplex Hands-free Speakerphone with AEC
- Codecs: G.711(A/μ), G.722, G.723, G.729, G.726, iLBC
- DTMF: In-band, Out-of-band (RFC 2833) and SIP INFO
- VAD, CNG, AEC, PLC, AJB, AGC

PHONE BOOK

- Up to 1000 Entries with Black List
- XML Remote Phonebook
- Phonebook Search/Import/Export
- Call History:
Dialed/Received/Missed/Forwarded

PHONE FEATURES

- 1 VoIP Account
- Call Hold, Mute, DND
- One-touch Speed Dial, Hotline
- Redial, Call Return, Auto Answer
- Call Forward, Call Waiting, Call Transfer
- Local 3-way Conferencing
- Direct IP Call without SIP Proxy
- Ringtone Selection/Import/Delete
- Keypad Lock, Emergency Call
- Set Date & Time Manually or Automatically
- Dial Plan, XML Browser, Action URL/URI
- Instant Messaging (Web UI and Phone)

CALL MANAGEMENT

- Anonymous Call (CLIR), Rejection
- Message Waiting Indicator (MWI)
- Voice Mail, Call Park, Call Pickup
- Intercom, Paging, Music on Hold
- Call Completion, Hot-desking
- Dial out Number from Web UI Display
- LED for Calls, MWI, Mute, Hold
- Multiple Languages
- Caller ID with Name, Number

PHYSICAL FEATURES

- 2 x 10/100 Mbps LAN & PC Ports
- 29 keys including 4 Soft Keys
- RJ9 Handset/Headset Port
- Dimension (W x D x H):
185 x 188 x 143 mm

POWER SUPPLY

- Power Adapter: 5VDC/600mA
- Power over Ethernet (IEEE 802.3af)
- Power Consumption: 5W (Typical)
- Connector: DC Power Jack

NETWORKING AND SECURITY

- SIP v1 (RFC2543), v2 (RFC3261)
- IPV6
- NAT Transverse: STUN Mode
- Proxy and Peer-to-Peer Mode
- IP Assignment: Static/DHCP/PPPoE

- HTTP/HTTPS Web Server
- Time and Date Synchronization using SNTP
- UDP/TCP/DNS-SRV (RFC 3263)
- QoS: 802.1P/Q Tagging (VLAN),
Layer 3 ToS, DSCP
- SRTP/TLS
- AES Encryption for Configuration File
- Digest Authentication using MD5/MD5-sess
- IEEE802.1X
- SNMP v1/v2

MANAGEMENT

- Configuration:
Browser/Phone/Auto Provision
- Auto Provision via FTP/TFTP/HTTP/HTTPS
- Server Redundancy
- Factory Reset, Soft Reboot
- Package Tracing, System Log

MECHANICAL

- Packaging: 10 Qty/CTN
- Weight: 9.8Kg (Net), 10.8Kg (Gross)
- Gift Box: 215 x 200 x 121 mm
- Installation: Wall Mount, Table-top

ENVIRONMENTAL

- Operating Temperature: -10°C to 50°C
(14°F to 122°F)
- Operating Humidity: 10 - 95%
(Non-Condensing)



ABOUT MATRIX

Established in 1991, Matrix is a leader in Telecom and Security solutions for modern businesses and enterprises. An innovative, technology driven and customer focused organization; Matrix is committed to keep pace with the revolutions in the telecom and security industries. With around 30% of its human resources dedicated to the development of new products, Matrix has launched cutting-edge products like IP-PBX, Universal Gateways, VoIP Gateways and Terminals, GSM Gateways, Access Control and Time-Attendance Systems, Video Surveillance System and Fire Alarm Systems. These solutions are feature-rich, reliable and conform to the international standards. Having global foot-prints in Asia, Europe, North America, South America and Africa through an extensive network of more than 500 channel partners, Matrix ensures that the products serve the needs of its customers faster and longer. Matrix has gained trust and admiration of customers representing the entire spectrum of industries. Matrix has won many international awards for its innovative products.

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Due to continuous technology upgradations, product specifications are subject to change without notice.

