











## SPARSH VP510E – Premium IP Phone

SPARSH VP510E sets the benchmark for quality performance with elegant design and crystal-clear voice. SPARSH VP510E features a vivid LCD Graphical Display, Context Sensitive Keys, Direct Station Selection (DSS) Keys, 32 Keys Expansion Module, Headset Connectivity, High Quality Full Duplex Speaker Phone and High Definition Audio Quality.

SPARSH VP510E acts as a face of your communication system by delivering advance features such as Multiple Line Appearance, Context Sensitive Soft Keys, Busy Lamp Field, Voice Mail, Speed Dial and Corporate Directory.

### AT-A-GLANCE:

- |   |   |
|---|---|
|  240*64 Pixels Graphical LCD with Backlit  |  Built-in 16 DSS Keys for Feature, Line, Extension |
|  4 Context Sensitive Keys  |  Message Wait and Ringer Lamp                      |
|  Polyphonic Ringtone   |  Headset Interface – 3.5mm, RJ9                    |
|  Power over Ethernet (IEEE 802.3af)  |  Adjustable Desk Stand                             |
|  Fixed Function Keys (with LED) – Voice Mail, Mute, Do Not Disturb, Headset, Speaker |  High Quality Full Duplex Speaker Phone            |

\*Available in PoE model

## TECHNICAL SPECIFICATIONS

### Audio Features

- AEC, AJB, AGC
- Full-duplex Hands-free Speakerphone with AEC
- Codecs: G.711(A/μ), G.722, G.723, G.729, iLBC

### Phone Features

- Call Hold
- Mute
- Do Not Disturb
- Speed Dial
- Hotline
- Redial
- Call Back
- Auto Answer
- Call Forward
- Call Waiting
- Call Transfer
- Room Monitoring
- Conference
- Directory
- Call Logs
- Paging
- Dial-by-Name

### Call Management

- Message Wait Lamp
- Ringer Lamp
- Voice Mail
- Call Pickup – Group and Selective
- Paging

### Display

- 240\*64 Pixels Graphical LCD with Backlit
- LED for Incoming/Ongoing Call, Mute, Hold
- Intuitive User Interface with Icons
- Multiple Languages
- Caller ID with Name, Number

### Networking and Security

- SIP v2 (RFC3261)
- IP Assignment: Static/DHCP/PPPoE
- QoS: 802.1p/Q Tagging (VLAN), Layer 3 ToS, DSCP
- SRTP for Voice
- Transport Layer Security (TLS)
- AES Encryption for Configuration File
- Digest Authentication using MD5
- IEEE802.1X

### Physical Features

- 49 keys including 4 Context Sensitive Keys
- 1 x RJ9 Handset Port
- 1 x RJ9 Headset Port
- Dimension (L x B x H): 247 X 183 X 43

### Power Supply

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

### Mechanical

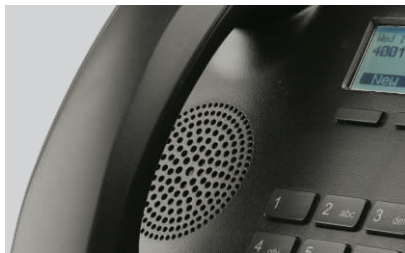
- Weight: 0.805 Kgs
- Installation: Wall Mount, Table-top
- Color: Black

### Environmental

- Operating Temperature Range = 0 to 45°C
- Storage Temperature = 0 to 55°C
- Operating and Storage Humidity = 5 to 95%, RH, Non-Condensing SNMP v1/v2

### Certifications

CE • FCC-15 • RoHS



## 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 more than 40% 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, Time-Attendance and Video Surveillance solutions. 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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