

## TECHNICAL SPECIFICATIONS



### MATRIX SPARSH VP510E – Premium IP Phone for Business

SPARSH VP510E is one of the Premium IP Phones with preloaded all VOIP Phone Handset features to serve the purpose of a Business Office Phone.

SPARSH VP510E sets the benchmark for quality performance with elegant design and crystal clear voice. SPARSH VP510E features an 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 the face of your communication system by delivering advanced features such as Multiple Call Line Appearance, Context Sensitive Soft Keys, Busy Lamp Field, Voice Mail, Speed Dial, and Corporate Directory.

Parameters	Features
Audio Features	<ul style="list-style-type: none"> <li>● Full-duplex Hands-free Speakerphone with AEC</li> <li>● Codecs: G.711(A/μ), G.722, G.723, G.729, iLBC</li> <li>● AEC, AJB, AGC</li> </ul>
Phone Features	<ul style="list-style-type: none"> <li>● Call Hold</li> <li>● Mute</li> </ul>

	<ul style="list-style-type: none"> <li>● Do Not Disturb</li> <li>● Speed Dial</li> <li>● Hotline</li> <li>● Redial</li> <li>● Call Back</li> <li>● Auto Answer</li> <li>● Call Forward</li> <li>● Call Waiting</li> <li>● Call Transfer</li> <li>● Room Monitoring</li> <li>● Conference</li> <li>● Directory</li> <li>● Call Logs</li> <li>● Paging</li> <li>● Dial-by-Name</li> </ul>
<b>Call Management</b>	<ul style="list-style-type: none"> <li>● Message Wait Lamp</li> <li>● Ringer Lamp</li> <li>● Voice Mail</li> <li>● Call Pickup - Group and Selective</li> <li>● Paging</li> </ul>
<b>Display</b>	<ul style="list-style-type: none"> <li>● 240*64 Pixels Graphical LCD with Backlit</li> <li>● LED for Incoming/Ongoing Call, Mute and Hold</li> <li>● Intuitive User Interface with Icons</li> <li>● Multiple Languages</li> <li>● Caller ID with Name and Number</li> </ul>
<b>Networking and Security</b>	<ul style="list-style-type: none"> <li>● SIP v2 (RFC3261)</li> <li>● IP Assignment: Static/DHCP/PPPoE</li> <li>● QoS: 802.1p/Q Tagging (VLAN),</li> <li>● Layer 3 ToS, DSCP</li> <li>● SRTP for Voice</li> <li>● Transport Layer Security (TLS)</li> <li>● AES Encryption for Configuration File</li> <li>● Digest Authentication using MD5</li> <li>● IEEE802.1X</li> </ul>
<b>Physical Features</b>	<ul style="list-style-type: none"> <li>● 49 keys including 4 Context Sensitive Keys</li> </ul>

	<ul style="list-style-type: none"> <li>● 1 x RJ9 Handset Port</li> <li>● 1 x RJ9 Headset Port</li> <li>● Dimension (L x B x H): 247 X 183 X 43 mm</li> </ul>
<b>Power Supply</b>	<ul style="list-style-type: none"> <li>● Power Adapter: 5VDC/600mA</li> <li>● Power over Ethernet (IEEE 802.3af)</li> <li>● Power Consumption: 5W (Typical)</li> <li>● Connector: DC Power Jack</li> </ul>
<b>Mechanical</b>	<ul style="list-style-type: none"> <li>● Weight: 0.805 Kg</li> <li>● Installation: Wall Mount, Table-top</li> <li>● Color: Black</li> </ul>
<b>Environmental</b>	<ul style="list-style-type: none"> <li>● Operating Temperature Range = 0 to 45°C</li> <li>● Storage Temperature = 0 to 55°C</li> <li>● Operating and Storage Humidity = 5 to 95%, RH, Non-Condensing SNMP v1/v2g</li> </ul>
<b>Certifications</b>	<ul style="list-style-type: none"> <li>● CE, FCC-15, RoHS</li> </ul>

**Note: Specifications are subject to change without prior notice**

## **ABOUT MATRIX**

Established in 1991, Matrix is a leader in Security and Telecom solutions for modern organizations. Matrix offers a comprehensive range of solutions for IP Video Surveillance, Access Control, Time-Attendance, and Telecom applications. The solutions are designed to meet the communication and security requirements of large enterprises having offices in multiple locations, SMEs, and SMBs.

As an innovative, technology-driven, and customer-focused organization, Matrix is committed to keeping pace with the revolutions in the Security and Telecom industries. With around 40% of its human resources dedicated to the development of new products, Matrix has launched over 60 cutting-edge products and solutions.

IP Video Surveillance includes solutions like Video Management Systems, Network Video Recorders, and IP Cameras. Likewise, solutions in Access Control and Time-Attendance include Visitor Management Solutions, Elevator Access Control, Panels, Door Controllers, and Readers.

We offer Telecom Solutions such as Unified Communications, IP-PBX, Universal Media Gateways, VoIP and GSM Gateways, and Communication Endpoints. All these solutions are feature-rich, reliable, and conform to international standards.



MATRIX COMSEC

Head Office

394-GIDC, Makarpura, Vadodara-390 010, India.

Ph: +91 265 6137222

E-mail: [Inquiry@MatrixComSec.com](mailto:Inquiry@MatrixComSec.com)

Factory

19-GIDC, Waghodia, Dist. Vadodara-391 760, India.

[www.matrixtelesol.com](http://www.matrixtelesol.com)