



The SUMO ST390 features the integration of a brilliant 8.9" touch display and a high performance as well as energy-efficient Intel® Atom™ processor within a slim, light, and durable package. Ideal for network and information access, the SUMO ST390 offers a choice of operating systems, optional Wi-Fi, 3G and GPS support, high-capacity internal battery, and Citrix ICA and Microsoft® RDP client/server computing protocols.

With options for a magnetic stripe reader and barcode scanner combo module, 3 mega-pixel camera, and RFID reader, the tablet offers seamless information capture for improved workflow. IP54 rated for water and dust resistance, with on-screen keyboards and optional outdoor-viewable display, the SUMO ST390 performs indoors, outdoors, and in harsh environments.

Features

- ▶ Intel® Atom™ Z530, 1.6GHz
- ▶ IP54 rated for water and dust resistance
- ▶ Microsoft® Windows® XP Embedded; Windows® XP Professional or Linux
- ▶ Extended use options with hot-swappable battery expansion
- ▶ Desktop cradle option with USB, Ethernet, charging facility and VGA connector
- ▶ Stylus free touch operation capable
- ▶ Software control panel for easy access to enable Wireless LAN and Bluetooth

Applications

The SUMO ST390 is suited to many industry deployments including:

- ▶ Transportation and Warehousing
- ▶ Healthcare
- ▶ Utilities
- ▶ Education
- ▶ Manufacturing
- ▶ Finance
- ▶ Retail
- ▶ Server-based Computing
- ▶ Web-based Computing
- ▶ Laptop Replacement

Major Options

- ▶ UMTS / 3G and GPS
- ▶ WiFi 802.11 a/g/n
- ▶ Magnetic stripe card reader and 2D barcode scanner combination
- ▶ 3 mega-pixel camera
- ▶ RFID reader
- ▶ Outdoor viewable display option
- ▶ 3 Year Extended Warranty (Batteries 3 months only)

Key Accessories

- ▶ Hand strap
- ▶ Desktop cradle (with LAN, USB and VGA)
- ▶ External battery
- ▶ External battery charging kit
- ▶ Automobile power adapter
- ▶ Carrying case with compact USB keyboard

Front View



Top View



Bottom View



Left View



Right View



Specification

▶ Operating Systems

Microsoft® Windows® XP Embedded
 Microsoft® Windows® XP Professional
 Microsoft® Windows® Embedded Standard 7
 Linux

▶ Processor

Intel® Atom™ Z530, 1.6GHz

▶ Memory (RAM)

1GB to 2GB DDR2 533MHz

▶ Storage

2GB to 8GB Internal Flash Module
 32GB to 64GB SSD

▶ Environmental

Water and Dust Resistance to IP54 rating

▶ Display

8.9" TFT LCD with Resistive Touch (Outdoor Viewable Option)
 1024 x 600 (WSVGA) Resolution

▶ Controls and Connectivity

7 x Front Buttons
 1 x Trigger Button
 Power On Button
 19V DC-in Jack
 Microphone-In Jack
 Audio-Out Jack
 1 x Mini USB 2.0
 Bluetooth 2.1 with EDR Class 2 (eGM-A1R) (USB Interface)
 802.11 a/g/n for Wireless Networks (Optional)
 UMTS / 3G and GPS (Optional)
 3 Mega-Pixel camera (Optional)

▶ RFID Reader (Optional)

High Frequency 13.56MHz
 ISO standard 15693
 1443A(B)
 18092 compliant

▶ MSR (Optional)

Triple track readers (ISO TK1, 2 & 3)
 OPOS and JPOS compliant
 High Performance Decoding
 Ultra-compact design with low profile read head
 Two-frequency coherent phase (F2F)

▶ Barcode Scanner (Optional)

2D barcode scanner
 Intermec omni-directional scanner
 Also reads 1D

▶ Physical Dimensions

H x W x D
 196 x 256 x 32 (mm)
 7.7 x 10 x 1.25 (inches)

▶ Weight

1.1 Kg (2.43 lb)

▶ Power

Adapter: AC/DC
 Input: 100-240V AC
 Output: 19V DC, 2.36A
 Power Cords: UK, EU, North America, China

▶ Battery Packs

Lithium-Ion
 Internal (2S2P; 7.4V, 3760mAh) (included)
 External (2S2P; 7.4V, 3760mAh) (optional)

▶ Desktop Cradle (Optional)

Ethernet 10/100 Base-T LAN
 2 x USB 2.0
 Pass-through for power
 VGA connector

▶ Operating Environment

Temperature: 0° - 40° C
 Humidity: 0% - 90% non-condensing

▶ Enclosure

ABS + PC Plastic

▶ Regulatory Compliance

FCC Class B, CE, C-Tick, RoHS compliant



SUMO
 Masters of Technology

For more information, including pricing, availability and detailed features please look at our web site at www.sumotech.com or email sales@sumotech.com

SUMO Technologies Ltd, Manor Chambers, Marygate, YORK YO30 7BH
 Tel: +44 (0) 1904 670670 Fax: +44 (0) 1904 670570

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