

SAM4S

SHR-1000

Rugged Handheld Computer



SHR-1000 depicted with QWERTY and numeric keypads, optional pistol grip and standard docking station.

Ideal for POS Inventory Management Applications

- 2 Meter Drop Tolerance
- IP67* Standards for Exposure to Water and Dust
- 1GHz CPU
- Includes Docking/Charging Station and Power Supply
- 4,400mAh Battery (2,200mAh Pistol Grip Battery)
- Numeric & QWERTY Keypad Versions
- Universal Mobile Telephone Service (UMTS)
- High Speed Packet Access (HSPA+)
- Global Navigation Satellite System (GNSS – GPS & Glonass)
- Microsoft® Embedded Handheld 6.5 Professional



SHR-1000 Rugged Handheld Computer



The Easy-to-Use SHR-1000 is Ideal for POS Inventory Management Applications



Optional Pistol Grip



Optional Hand Strap



Included Docking/Charging Station Accommodates Pistol Grip

Features

- 2 Meter Drop Tolerance and IP67* Rated
- 1GHz CPU
- 4,400mAh Battery (2,200mAh Gun Battery)
- Includes Docking/Charging Station and Power Supply
- Numeric / QWERTY Keypad
- UMTS / HSPA+ and GNSS (GPS+Glonass)
- Microsoft® Embedded Handheld 6.5 Professional

Commercial Applications

- Direct Store Delivery (DSD)
- Field Service
- Post and Courier Services
- Goods Transportation
- Mobile Ticketing
- Public Safety
- Facility Management
- Inventory Management
- Access Control
- Shipping Logistics

*IP67 Rated – Protected from dust infiltration and withstands immersion in water to depth between 15 cm and 1 m.

Specifications

Performance –	CPU:	Samsung Cortex A8 1GHz
	Operating System:	Microsoft® Embedded Handheld 6.5 Professional
	Memory:	256MB DRAM
	Flash Memory:	1GB NAND
	Interface:	DC Jack / Docking 16pin I/O / USB Mini (Sync.)
Wireless –	WWAN:	UMTS/HSPA+ (850, 900, 1800, 1900, 2100 MHz)
	WLAN:	IEEE 802.11a/b/g/n
	WPAN:	Bluetooth® V2.1 + EDR
Data Capture –Barcode Scanner:		1D&PDF417 Laser Class II / 1D&2D CMOS Imager
	RFID Reader:	HF, ISO 14443 A/B (Mifare), ISO 15693 / UHF, ISO 18000-6C (EPC Gen. 2)
Display:		3.5" VGA (480x640) TFT / Resistive Window Touch / Backlight / 262k Color
Keypad:		Numeric Keypad / QWERTY Keypad Optional
Battery –	PDA:	3.7V / 4,400mAh Rechargeable Li-ion
	Pistol Grip:	3.7V / 2,200mAh Rechargeable Li-ion
Adaptor –	Input:	100 ~ 240V / 50 ~ 60Hz
	Output:	DC 5.0V / 3A
SIM / SAM Slot:		1 SIM / 1 SAM
Audio:		Speaker / Receiver / Microphone / Vibrate Alert
Camera:		5.0M Pixels Auto Focus with Flash LED
Global Navigation Satellite System:		S-GPS (GPS + Glonass) / A-GPS
Notification:		Operating RGB LED / Key Backlight
Drop:		2 Meter Drop to Steel (10 Drops per 1 Corner / 3 Edge / 6 Face)
Dust and Water Resistance:		IP67 (IEC 60529:2001) MIL-STD-810G, Method 512.5
Temperature –	Operating:	-4° ~ 122°F (-20° ~ 50°C)
	Storage:	-40° ~ 158°F (-40° ~ 70°C)
Humidity:		95% RH (Non-Condensing)
Dimensions:		3.3"W x .66"H x 1.4"D (84 x 169 x 36.4mm)
Weight:		14.039 oz. (398g) – Including Battery
Safety and EMI:		FCC Class A / CE / RoHS