



Rugged Tablet X-100

Versatile Overall Mobile Solution

SCANTECH ID[®]
CHAMPTEK Group

Introduction

SCANTECH ID X-100 is a versatile rugged powerful tablet designed for diversified applications in self-service, ID identification, information service, multimedia service, and your customized interactive applications and services in every environment of retail, logistics, inventory, transportation, medical care, hospitality and office building. The strength of the X-100 comes from customizable optional feature modules within the IP65 reliable device. X-100 runs on open platforms such as Android, with low power consumption and long battery duration, and it is easy to implement customer application. For information about our OEM models and services, please contact our regional sales representative.

Features

- IP65 1.2m drop tested military grade tablet with 10.1" touch display
- Low power consumption and long battery life support up to 15 hours
- Physical RJ45 ethernet port and USB to Ethernet converter(optional)
- Dual MIC with voice tracking, background noise & echo cancellation
- High Security built-in MediaTek CryptoCore, TPM2.0 with FIPS 140-2
- Ergonomical shoulder strap allow long hour hands-free operation
- Adjustable Desktop Stand on product itself, no extra cradle needed
- Handy F1 quick access button to activate specific APP
- Rear camera 1D/2D Barcode Decoder
- RFID(NFC) module support (optional)
- 1-to-4 Battery Charger and Spare Battery (optional) 1-to-8 Multiple Battery Charging Set (optional) Mobile
- IP55 Carry Case design including accessories Remote
- OTA system upgrade support

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Specifications

System Architecture

Processor	MT8788(Octa Core), 2.0GHz x4+2.0GHz x4, Separated GPU (Mali-G72)
Operating Platform	Android 9.0 OS
Dimensions	283.30mm x 191.84mm x 21.86mm [11.15" x 7.55" x 0.86"]
Weight	1420g [3.12 lbs]
Memory/Storage	(UMCP) 2GB+32GB / 8GB+256GB (max.)
Security	MTK CryptoCore (TPM2.0 with FIPS 140-2)

Media

Display	10.1" WUXGA 1200x1920 IPS 550 nits 10-point multi-touch [support thin medical glove and wet-touch mode]
Speakers	2 integrated speakes
Dual Microphones	Voice tracking, noise & echo cancellation

Network Interface

Wired LAN	100/1000 Mbps-(comforms with IEEE802.3x)
Wireless LAN	Wi-Fi 802.11 a/b/g/n/AC
Wireless Bluetooth	Bluetooth ® 4.1
Wireless GPS	GPS/Glonass/Beidou/Galileo/QZSS/SBAS Tri-band reception concurrently

4G LTE Module Band Frequency

(4G)LTE FDD	B1/B3/B5/B8
(4G)LTE TDD	B34/B38/B39/B40/B41
(3G)WCDMA	B1/B5/B8
(2G)GSM	B3/B8 (900&1800)

Scan Module (optional)

	1D/2D Barcode scanner
	2D Fingerprint scanner
	RFID(NFC) module

Optional Accessories

	Battery
	1-to-4 Battery Charging

Durability

Storage Temperature	-20°C ~ 70°C
Operating Temperature	-10°C ~ 60°C
IP Protection	IP65, 500 times x 1 m tumble test
Drop Resistance	MIL-STD-810G method 516.6 procedure IV 48"/1.2m drop pass, 26 times including all corners, edges and faces. IEC60068-2-31 handling shocks with 50cm drop on six faces. Screen Protector Glass resists 64 gm steel ball drop from 120cm.

Power Supply

AC Adapter	57W (19V / 3A)
Battery Volume	Swappable battery, integrated 10800mAh battery pack
Battery Endurance	up to 15 hours at indoor use condition

I/O Ports

	USB 3.0 x1 (TYPE C Port)
	USB 2.0 x1 (TYPE A Port)
	RJ45 Physical Ethernet Port
	DC jack
	3.5mm Audio jack
	SIM Card Slot
	Micro SDXC Card Slot(support up to 128G)
	Reset Hole

Camera

Camera Front	5MP
Camera Rear	8MP, with Auto Focus, Flash

Regulatory

	CE, ICASA, RoHS Certifications ICASA TA-2020/5354
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