



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

- Mobility with 10.1" large touch screen
- Low power consumption, long battery hours support
- Dual LAN Ports choice, RJ45 and USB to Ethernet converter(optional)
- Dual microphones for recording and background noise cancellation
- Ergonomical should strap allow long hour operation
- Adjustable Desk Stand on product itself, no extra cradle needed
- 1D/2D Barcode scanner (optional)
- RFID(NFC) module support (optional)
- 1-to-4 Battery Charger and Spare Battery (optional)
- Software Developer Guide with example Source Code
- Mobile CASE package design, including various accessories

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Specifications

• System Architecture

Processor	MT8788(Octa Core), 2.0GHz x4 + 1.5GHz 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	1200g [2.64 lbs]
Memory/Storage	(UMCP) 2GB+32GB / 8GB+256GB (max.)
Security	ARM®TrustZone®Security

• Media

Display	10.1" WUXGA 1200x1920 IPS 500 nits 10-point multi-touch and capacitive stylus [support thin medical glove and wet-touch mode]
Speakers	2 integrated speakers
microphone	background noise cancellation

• Network Interface

Wired LAN	LAN port 100 Mb (RJ45 Port)
Wireless LAN	Wi-Fi 802.11 a/b/g/n/AC
Wireless BlueTooth	BlueTooth® 4.1
Wireless GPS	GPS (onboard)

• 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)

• Durability

Operating Temp	-20°C ~ 60°C
IP Protection	IP65, 500 times x 1 m tumble test
Drop Resistance	MIL-STD-810G (Multiple 5'/1.2m Drops) 26 times all corners and sides with single tablet while operating Screen Protector resists Steel ball drop test, 25 mm diameter rounded end steel weight of 250 gm from 50cm.

• Power Supply

AC Adapter	57W (19V / 3A)
Battery Volume	Swappable battery, integrated 10800mAh battery pack
Battery Endurance	up to 10 hours, under display dim light condition

• I/O Ports

	USB 3.0 x1 (TYPE C Port)! USB 2.0 x1
	RJ45 10/100 Ethernet Port
	Replaceable DC jack
	3.5mm Audio jack
	SIM Card Reader
	Micro SDXC Card Reader
	Reset hole

• Camera

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

• Regulatory

CE, FCC and, LVD Certifications 

