



Rugged Tablet X-120F

Versatile Overall Mobile Solution

SCANTECH ID[®]
CHAMPTEK Group

Introduction

SCANTECH ID X-120F 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-120F comes from customizable optional feature modules within the IP65 reliable device. X-120F 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" touch display
- Low power consumption and long battery life more than 10 hours
- Dual MIC with voice tracking, background noise & echo cancellation
- Built-in a high security IC, TPM2.0 with FIPS 140-2
- Ergonomical shoulder strap allow long hour hands-free operation
- Adjustable desktop stand on product itself
- 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)

Rugged Tablet X-120F

Specification

• System Architecture

Processor	MT8781(Octa Core), 2.2GHz ,Separated GPU (Mali G57)
Operating Platform	Android 14 OS
Dimensions	271mm x 178mm x29.8mm (106.7"x70.1"x1.173")
Weight	1108g [2.44 lbs]
Memory/Storage	(UMCP) 4GB~12GB / 8GB~256GB (max.)
Security	Built in security IC (TPM2.0)

• Media

Display	10" WUXGA 1920x1200 IPS 550 nits 10-point multi-touch
Speakers	2 *8 Ohm 1W
Dual Microphones	Voice tracking, noise & echo cancellation

• Network Interface

Wired LAN	100/1000 Mbps-(Conforms with IEEE802.3x)
Wireless LAN	Wi-Fi 802.11 a/b/g/n/ac
Wireless Bluetooth	Bluetooth 5 dual mode for LE 2 Mbps
Wireless GPS	GPS/Glonass/Beidou/Galileo/QZSS 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)

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

• Durability

Storage Temperature	-20°C ~ 70°C
Operating Temperature	-10°C ~ 60°C
IP Protection	IP65
Drop Resistance	500 times x 1 m tumble test 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	19V / 3A
Battery Volume	Swappable battery, integrated 3.8V / 12000mAh battery pack
Battery Endurance	12 hours

• I/O Ports

	USB TYPE-C (1*USB2.0 OTG)
	USB TYPE-A (2*USB2.0)
	DC jack
	SIM Card Slot
	Micro SDXC Card Slot(support up to 128G)

• Camera

Camera Front	8 MP
Camera Rear	13 MP, with Auto Focus, Flash

• Optional Accessories

	1 to 4 battery charging dock (option)
--	---------------------------------------

• Regulatory

	X-120F: CE, RoHS, MIL-STD 810G, 3C Battery: UN38.3, IEC62133, MSDS
--	---



Description of Product Appearance and Functions

