Rugged Tablet X-80
Versatile Overall Mobile Solution

SCANTECH ID®
CHAMPTEK Group

Introduction

SCANTECH ID X-80 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-80 comes from customizable optional feature modules within the IP65 reliable device. X-80 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 8" touch display Low
- power consumption and long battery life support 9 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 Multiple Battery Charging Set (optional)
- Spare Battery (optional)
- Mobile IP55 Carry Case design including accessories
- Remote OTA system upgrade support

Rugged Tablet X-80

Specifications

System Architecture

Processor	MT8788(Octa Core), 2.0GHz x4+2.0GHz x4, Separated GPU (Mali-G72)
Operating Platform	Android 11 OS
Dimensions	211.50mm x 140.80mm x20.50mm [8.33" x 5.54" x 0.81"]
Weight	1020g [3.12 lbs]
Memory/Storage	(UMCP) 4GB+128GB / 8GB+256GB (max.)
Security	MTK CrytoCore (TPM2.0 with FIPS 140-2)

Media

Display	8" WUXGA 1920x1200 IPS 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 Bluetooth ® 4.1
Wireless Bluetooth	GPS/Glonass/Beidou/Galileo/QZSS/SBAS
Wireless GPS	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

1 to 5 cradle 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 7400mAh battery pack
Battery Endurance	9 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)
Reset Hole

Camera

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

Optional Accessories

1 to 4 Battery Charging cradle

Regulatory

X-80: CE, RoHS, MIL-STD 810G, 3C
Battery: UN38.3, IEC62133, MSDS

Description of Product Appearance and Functions

Volume - Volume+ Power
MIC MIC

Light Sensor Camera
TYPE-A (USB 2.0)
TYPE-A (USB 2.0)
DC
211.5mm
222.8mm
140.8mm
152.7mm

Extensible Module Camera
Protective Cushion (Hand Strap Fixator)
F1
Fingerprint
TYPE-C (USB 2.0 OTG)
Battery Module (Easy to Remove)

Speaker Pogo Pin Speaker
20.5mm 25.95mm

Size (no corner cushion): 211.5MM * 140.8 MM * 20.50MM
Size (with corner cushion): 222.8MM * 152.7MM * 25.95MM