



Rugged Tablet T18

Versatile Overall Mobile Solution

SCANTECH ID[®]
CHAMPTTEK Group

Introduction

T18 is a versatile rugged powerful tablet designed for diversified applications in self-service, ID identification, information service, multimedia service, your customized interactive application and services in every environment of government, retail, logistics, inventory, transportation, medical care, hospitality and office building.

The strength of the T18 comes from customizable optional feature modules withing the IP67 reliable device. T18 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 reginal sales representative.

Features

- IP67 1.2m drop tested military grade tablet with 10" touch display
- Low power consumption and long battery life more than 14 hours
- Dual MIC with voice tracking, background noise & echo cancellation
- Built in a high security chipset, 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
- 2D barcode decoder by rear camera or optional physical barcode scanner
- Supports Nano SIM and embedded eSIM
- NFC module support
- 1-to-4 Battery Charger and Spare Battery (optional)
- IP67 Carry Case design including a handle
- Remote OTA system upgrade support

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Specification

• System Architecture

Processor	Octa Core, 64-bit ARM, 2 GHz Cortex-A78 x2+2Hz Cortex-A55x6, GPU (G57)
Operating Platform	Android 16 OS, GMS certificate
Dimensions	No corner cushion 259.5 x 171.6 x 19mm with corner cushion 265 x 180.6 x 25 mm
Weight	1420g [3.12 lbs]
Memory/Storage	8GB /256GB
Security	Built-in a security chip, TPM2.0, compliant with FIPS 140-2 standard

• Media

Display	10.1" WUXGA 1920x1200 IPS,550 nits, 10-point multi-touch, aspect ratio 16:10, Glass Gorilla® Glass 5
Speakers	2 x 8 Ohm 1W
Dual Microphones	Voice tracking, noise & echo cancellation

• Network Interface

Wired LAN	100/1000 Mbps (IEEE802.3x)
Wireless LAN	Wi-Fi 802.11 a/b/g/n/ac/ax
Wireless Bluetooth	Dual Frequency (EDR+BLE 5.3)
Wireless GPS	GPS/Glonass/Beidou/Galileo/QZSS/SBAS / IRNSS. GNSS accuracy <5m

• 4G LTE Module Band Frequency

(4G)LTE FDD	B1/B3/B5/B7/B8/B20/B28
(4G)LTE TDD	B38/B40/B41
(3G)WCDMA	B1/B5/B8
(2G)GSM	B3/B8 (900&1800)

• Scan Module

	2D Barcode decoder by rear camera or optional physical barcode scanner
	NFC module
	2D fingerprint scanner (optional)

• Durability

Storage Temperature	-20°C ~ 70°C
Operating Temperature	-20°C ~ 60°C
IP Protection	IP67
Drop Resistance	500 times x 1 m tumble test MIL-STD-810H 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

Adapter	57W (19V / 3A), BS 546 A Type M plug, length 2m
Battery Volume	Swappable battery, integrated 12000mAh battery pack
Battery Endurance	14 hours

• I/O Ports

	USB TYPE-C (1*USB3.0 OTG)
	USB TYPE-A (2*USB2.0)
	DC jack & Built-in 5 PIN (charge+keyboard)
	SIM: 1x Nano SIM Card Slot and 1x eSIM
	Micro SDXC Card Slot(support up to 128G)

• Camera

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

• Optional Accessories

	1 to 4 Battery Charging cradle
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• Regulatory

	ICASA, NRCS, CE, MIL-STD 810H, IP67 Battery: UN38.3, IEC62133, MSDS
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