GENERALSCAN

GS T54 MOBILE COMPUTER

FEATURES

• Features a 5.45" high definition full touchscreen design with up to 90% screen-to-body ratio and optimized hardware and structure, T54 is lighter, thinner, and more confortable than traditional handheld devices.

• T54 has an advanced 2D scan engine that sets the industry standard. This cutting-edge technology enables it to efficiently and accurately read various types of barcodes and 2D codes. With its wide scanning range and extended scanning distance, T54 offers enhanced flexibility and speed in scanning applications.

• T54 is equipped with a powerful 5000mAh battery, which enables it to handle demanding data collection tasks with high intensity. Additionally, it supports 18W fast charging, allowing for quick replenishment of power during breaks. With these features, users no longer need to worry about the device running out of power during continuous, high-intensity work through-out the day.

• The body of T54 designed with industrial grade dual-color injection process, equipped with in-mold injection of steel sheet for integrated formation. These are good for it to withstand free drops of up to 1.5M high. IP65, waterproof, dustproof, and shockproof, greatly increases T54's lifespan.

PRODUCT SPEC SHEET
GS T54 MOBILE COMPUTER

PHYSICAL PARAMETER

Dimensions	158mm(L)×76mm(W)×13.7mm(D)
	6.22in.(L)x2.99in.(W)×0.54in.(D)
Weight	227g/8.01oz.(includes battery)
Keypad	Virtual Keypad: Menu, Home, Return
	Phsical Keypad: Left/Right Scan Key, power key, volume key
Indicator	Vibration/LED/Audio

PLATFORM AND FEATURES

Operating System	Android 9.0
CPU Model	Octa-Core, up to 2.0GHz,12nm
LCD	5.45" TFT(LTPS), HD+, 720∗1440
Touch Panel	GFF 10-point control, glove operation and wet hand operation available
Memory Type	4GB RAM+64GB ROM
SIM	Nano SIM slot×2
Extended Storage	Micro SD Card, up to 64GB
Camera	Front camera 5M, rear camera 13M, PDAF, Quick Focus+ Night Shot Light
Battery/Charger	5000mAh, non-removable
I/O connector	USB, OTG
Sensors	Optical Distance Sensor/Gravity Sensor/Gyroscope/ Geomagnetic Sensor

RF SPECIFICATION

Bluetooth	BT 5.0
WLAN	Wi-Fi 802.11 a/b/g/n/ac (Dual-band: 2.4GHz+5GHz)
WWAN	GSM: B2/B3/B5/B8
	TD-SCDMA: B34/B39
	WCDMA: B1/B8
	TDD-LTE Bands: B34/B38/B39/B40/B41
	LTE_FDD: B1/B3/B5/B8
	CA(Carrier Aggregation): B3+B3 downlink 2CA; B1+B3 downlink 2CA
GPS	GPS/AGPS/Glonass/Beidou

PACKING CONTENTS

T54×1, USB Type-C Cable×1, Adaptor×1, Hand Strap×1, Protective Case×1, Resource Download Card×1

PERFORMANCE CHARACTERISTICS

Optical Resolution	1280×800 pixels
Sensor	2D CMOS
Field of view	Pitch: +/-60°; Roll (Tilt): 360°; Skew(Yaw): +/-45°
Scan Angles	38.5° horizontal x 28.9° vertical
Illumination Element	White LED
Aiming Element	Red Cross Laser(650nm)
Supported Symbologies	1D: Codabar, Code 11, Code 128, Code 39, Code93, EAN8, EAN13, GS1 128, Matrix 2 or 5, Trioptic, IATA25, INT25, MSI, STRT25, Telepen, UPC-A, UPC-E0, UPC-E1, NEC25, USPS4CB, HK25
	2D: Aztec Code, Grid Matrix, Data Matrix, Hanxin, Maxicode, MicroPDF, PDF417, QR, RSS, RSL, RSE, Codablock A, Codablock F

DECODE RANGES

7.5 mil Code 39	3.15in.-9.061in. / 80mm-230mm
9.2 mil Code39	2.76in.-10.24in. / 70mm-260mm
10 mil Data Matrix	5.12in.-6.30in. / 130mm-160mm
12.5 mil Code128	1.97in.-17.32in. / 50mm-440mm
20 mil QR Code	2.36in.-23.82in. / 60mm-605mm
25 mil Code128	6.30in.-54.33in. / 160mm-1380mm

USER ENVIRONMENT

Operating Temperature	-4°F~140°F/-20°C~60°C
Storage Temperature	-40°F~140°F/-40°C~60°C
Humidity	0%-95%,non-condensing
Drop Spec.	Survive from 4.92 ft. / 1.5m multiple drops
IP Level	IP 65
ESD	±8KV contact discharge, ±12KV air discharge

SOFTWARE SUPPORT

Generalscan Keyboard Pro

Generalscan SDK Demo

Generalscan OTA Tools

G-Service

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