

The DP0048 is a flagship RTK measurement control terminal designed specifically for the surveying industry. It boasts an impressive battery life of over 18 hours, a 5.45-inches sunlight-readable screen for easy outdoor viewing, and operates on the Android 11 system for smooth performance. It features a digital keyboard and offers IP68-level protection against the elements. With professional surveying software, it empowers users to effortlessly tackle various surveying scenarios.



Characteristic

Powerful System

Equipped with an Android 11 operating system, an 8-core 2.0GHz processor, 4GB of RAM with 64GB of storage, configure 13MP rear camera.

Display Excellence

The device boasts a 5.45-inch display, with a resolution of 720*1440px. It offers a seamless touch experience with support for up to 5-point capacitive touch. What's more, it enables effortless operation even with gloved or wet hands.

Smooth Operation

The device features an ergonomic design that provides a comfortable grip and an exceptional user experience during operation.

Various Data Communication Methods

The DP0048 Data Controller supports multiple communication methods such as Wi-Fi, Bluetooth, NFC and 4G, which satisfies the needs of users in most regions of the world.

Long endurance

Built-in high-capacity lithium battery ensures continuous working time of more than 18 hours under normal operation.

Robust Device Protection

The device is designed to withstand harsh environments and is tested to meet IP68 waterproof and dustproof standards. It is also built to withstand drops from a height of 1.5 meters, ensuring durability and reliability in challenging conditions.

ITEM		SPECIFICATION
SYSTEM	OS	Android 11
	CPU	8-core 2.0GHz processor
	Memory	4GB RAM + 64GB ROM
	External storage	Micro SD, up to 512GB
PHYSICAL PARAMETERS	Display	Screen size : 5.45 inch Resolution: 720*1440p
	Touch Panel	5-point capacitive touch
	Button	Standard English full keypad

	Camera	Rear 13MP, Support Flash light
	Sensors	Ambient Light Sensor and Accelerometer
	Notification	Audio, Vibration, and LED Indicators
	Interface	Option1: 1*Nano Sim+1*Micro SD Option2: 2*Nano Sim
DATA COMMUNICATION	GNSS	GPS+BDS+GNSS+GLONASS+AGPS
	WIFI	IEEE 802.11 a/b/g/n/ac Dual-band: 2.4G/5G
	Network	GSM: B2/B3/B5/B8 WCDMA: B1/2/5/8 FDD-LTE: B1/B3/B5/B7/B8/B20/B28/B2/B4/B12/B17 TDD-LTE: B34/B38/39/40/41(100M)
	Bluetooth	BT5.0 (BLE)
	NFC	Supported
ELECTRICAL	Battery (non-removable)	9000mAh (Support Rapid Charging) Working time: 18h Charging time: ≤ 4 hours
PHYSICAL	Dimension	221mm*78mm*16.5mm
	Weight	410.6g
ENVIRONMENTAL	Temperature	Work Temperature: -20°C~+55°C Storage Temperature: -40°C~+70°C
	Humidity	5%~95%
	Protection	IP68
	Shock	Withstand 1.5M pole drop
	ESD	Air discharge: ±15kV Contact discharge: ±8kV