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T20 Handheld Ground Control Station



- Aeronautical aluminium alloy shell
- Video&telemetry&RC links in one
- User-defined RC system
- Android11 OS
- Dual SBUS input and output
- Dual-mode 5G octa-core chip

T20 GCS

Dimension	
Overall weight	1.8kg
Overall dimension	310mm*160mm*55mm
Display screen	8inch IPS display 16:10, 1920*1200, 550nits
Computer Peripherals	
CPU	MTK(5G-C) 8 cores
Touchpad	10-point capacitive touchscreen
Operating system	Android11
RAM	4G(standard)
ROM	64G(standard)
Network	WIFI, Bluetooth, 4G/5G
Interface	USB3.0, LAN port, 6-pin aviation socket, SIM card socket, TF card socket
Remote Control	

Physical channel	24
	Main Joystick*2 (Industrial joysticks, hall-effect) Auxiliary joystick*2 3-position switch*4 Knob*2 Key button*10 Combination key*5 Super combination key*2 (Each channel is programmable, the user can assign each channel to the preferred joystick, switch, button, etc)
Human interface	USB HID device
Remote control function	Dual SBUS independent output
SBUS port	SBUS OUT*2
Remote control latency	40ms
Battery Peripherals	
Battery capacity	3.8V/7200mAh(tablet) 8.4V/6700mAh(remote control)
Working time	8hs with the full battery capacity
Charging port	Type-C charging port, supporting fast charging, 65w max
T20	
Operating Temperature	-10°C-+50°C
IP rating	IP53
Communication Link	
V20 Video&telemetry&RC link	10km grade, V20 Ground unit built-into T20
	Air unit antenna: rod antenna*2
	Ground unit antenna: glue stick antenna*2 (*Other types of antennas also supported)

V20 Airborne unit

V20		
Video&telemetry&RC link		
Item	Parameters	Description
Frequency band	800MHz(806-826MHz) 1.4GHz(1427.9-1447.9MHz) 2.4GHz(2401.5-2481.5MHz)	Only one can be chosen
Power	-40-25dbm	Adjustable
Transmission range	10km grade@LOS condition	Depend on environment
Communication mode	Point to point, point to multipoint	Star topology

S-BUS port	2*S-BUS ports	
Serial port	1*serial port (default: TTL; RS232 optional)	Full duplex, baud rate adjustable
Video latency	300ms	
Encryption	AES128	
Power supply voltage	7.4-24V	
Operation current	300mA	12v power supply
Bandwidth	1.4-20M	1.4M/3M/5M/10M/20M
Video input/output	LAN	Connecting IPC device/PC
Power supply interface	XT30	
Antenna	glue stick antenna	
Dimension	85mm*55mm*20mm	
Weight	100g(exclude antenna)	
Operation temperature	-10°C+50°C	

Product details



正面



背面



背部接口



侧面

