FC60

Field Controller

[For Bangladesh Market Only]

Product Specification	
Product Name	**FC60**
Main Features	6 inch Rugged Field Controller (5G)
Appearance	
Physical Characteristics	
Size	193.5mm x 93mm x 15mm (with bumpers)
Weight	≤390g
LCD	6.0″ IPS 1080x 1920 FHD 550nits (typ)
TP	Corilla Glass 3, Multi-touch, support glove and wet hands operation

Camera	16M FF, 32M AF
Flash	Double white LED Flash
Ports	1*USB3.1 Type-C with Rubber Cover (Charging PD2.0 Max18W, OTG USB3.1, Digital headset) 2*Nano-SIM Card Slot (DSDS) 1*Micro SD Card Slot (support Micro SDXC Maximum:2TB)
Dedicated Keys	4 Front-keys: F1, F2, F3, Power TP-keys: Menu,Home,Back 3 Side-keys: FN, volume up/down User can customize the FN F1 F2 F3 function
Software & Hardware	
Hardware Platform (CPU)	Qualcomm QCM4490 Octa-core 2x Gold A78 @2.4GHz + 6x Silver A55@2.0GHz
Software Platform	Android 14 GMS
Version Upgrade	FOTA
RAM +ROM	8GB LPDDR4X + 128GB UFS2.2
Sensor	Light Sensor Proximity Sensor Acceleration Sensor Magnetic Sensor

	Gyroscope Sensor
	Barometer
Speaker	≥ 95dB at 1kHz 10cm
Receiver	Support
Mic	2* microphone (noise suppression)
Motor	1* build - in
LED Indicator	two-color (Red / Blue) indicator (Battery & Charging indication)
Energy (Battery/Worktime/Charging)	Battery: Li-Ion 3.8V 8000mAh (30.4Wh) support Qualcomm QC 4.0 and PD 3.0 18W Charging time : Reaching 95% ≤ 4.5h
Communication	
GNSS	A-GPS / GPS L1+L5 / GLONASS / Galileo / Beidou Qualcomm
WiFi	IEEE 802.11 a/b/g/n/ac/ax (2.4 & 5GHz Wi-Fi6E) 2 x 2 MIMO
Bluetooth	BT 5.2 BLE
NFC	NFC 13.56MHz, work distance ≥ 3cm support ISO/ 14443 A/B ISO/ 15693, NFC- IP1, NFC-IP2 M1 Card(S50, S70) , CPU Card, NFC Label
Cellular	GSM: 850 / 900/ 1800 / 1900 WCDMA:B1/B2/B5/B8 LTE-TDD:B38/39/40/41 LTE-FDD: B1/2/3/4/5/7/8/12/13/14/17/20/25/26/28/48/66/71 5G: FR1 N1/2/3/5/20/28/41/48/66/71/77/78/79

Reliability		
Working temperature	-20℃~+60℃	
Storage temperature	-40℃~+70℃	
Humidity	0-95% RH, non-condensing	
ESD	Contact 8KV，Air 12KV	
Water proof	IP67	
Drop	1.22m to marble	
Test & Certification		
Certification	FCC IC RCM CE(RED) ROHS 2.0 REACH WEEE	
Dust & Water Protection	IP67	IEC 60529
Standards	MIL-STD-810H	Shcok Drop test 1.22m MIL-STD-810H:2019 Method 516.8/Procedure

TOPCON POSITIONING ASIA (MALAYSIA) SDN. BHD.
Registration No. 201901043929 (1353259-V)
No. 6, Jalan Pensyarah U1/28,
Hicom-Glenmarie Industrial Park,
40150 Shah Alam, Selangor Darul Ehsan
Email: mys_survey_sales@topcon.com
Web：www.topconpositioning.asia/sa/en/