



The 10" Maxi Controller Pro

The 10" Maxi Controller Pro is a ruggedized controller that supports uncrewed mission-critical operations in both enterprise and governmental domains. Engineered to the most stringent standards, this tactical mobile controller is tailor-made for targeted applications that operate in challenging conditions with intricate requirements.

With the integration of Mobilicom's cutting-edge communication products, the 10" Maxi Controller Pro is fortified with ICE, our cybersecurity protection software. Also, with Mobilicom's cutting-edge communications products, this controller can facilitate real-time HD video and broadband data transmission, allowing multiple users to view and engage simultaneously

**See SkyHopper and MCU product lines for full specs.*

Key Features:

- Built to enable uncrewed mission-critical operations
- All-in-one unified controller
- Customizable features: safety cards, joysticks, buttons, sliders, switches & toggles
- Integrated Mobilicom's communications products (optional)
- Connect with third-party communication units (optional)



Product Features:

- All-in-One
 - 10" Panasonic Toughpad
 - Integrated Mobilicom radio and modem
 - Battery & external powerinput
 - Quad antenna & GPS
- All weather, dust and water-resistant design
- Daylight readable
- I/O interfaces to peripherals

Tablet Specifications	
Type	10" Toughpad FZ-G2 Panasonic
CPU	Intel Core i5/i7
User Interface	Windows 10 Professional Linux (optional)
Display	10" WXGA 1920 x 1200

Interfaces	
External Interface	USB 2.0 Ethernet Power Input
Human Interface	User Configurable - 2 Joysticks - 6 Buttons (two safe-guards - optional) - 3 Sliders - 2 Toggles (two safe-guards - optional)
GPS Antenna (optional)	SMA
Radio Antennas (optional)	4xSMA (2xSDR, 2xLTE)

Power	
External Power Input	14.5-19 VDC
Battery	Standard/Extended

Environmental	
Temperature	Operating: -20 to 50°C (-4 to 122°F) Storage: -50 to 85°C (-58 to 185°F)
Humidity	5-95% non-condensing
Sealing	All-weather dust and water resistant
Grade	Ruggedized

Dimensions	Centimeters	Inches
[LxWxH]	24 x 43 x 3.5	9.4 x 16.9 x 1.3

Weight	Kilograms	Pounds
	3.13 kg	6.9 lbs

Radio & Modem	
Network Typologies	Point-to-Point Point-to-Multipoint Relay Mesh (optional)
Modes of Operation	Broadcast Multicast Unicast Multiple users
Waveform	OFDM, TDD
MIMO Configuration	MIMO 2x2; Tx & Rx Diversity
ICE Cybersecurity	According to MCU and Skyhopper product specifications
Cellular	LTE (optional)
Configuration & Management	Web GUI API



CYBERSECURE
DATA LINK



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