S101M9-GCS
10.1" ARM A73 + A53 Rugged Handheld Controller

KEY FEATURES

- Low Latency video SW decoder for real-time high-resolution video viewing
- All-weather, dust, and water-resistant design (IP65). MIL-grade drop, Shock and vibration
- Supports optional WIFI, BT and 4G/5G
- With dual antennas, providing improved wireless connectivity and stability
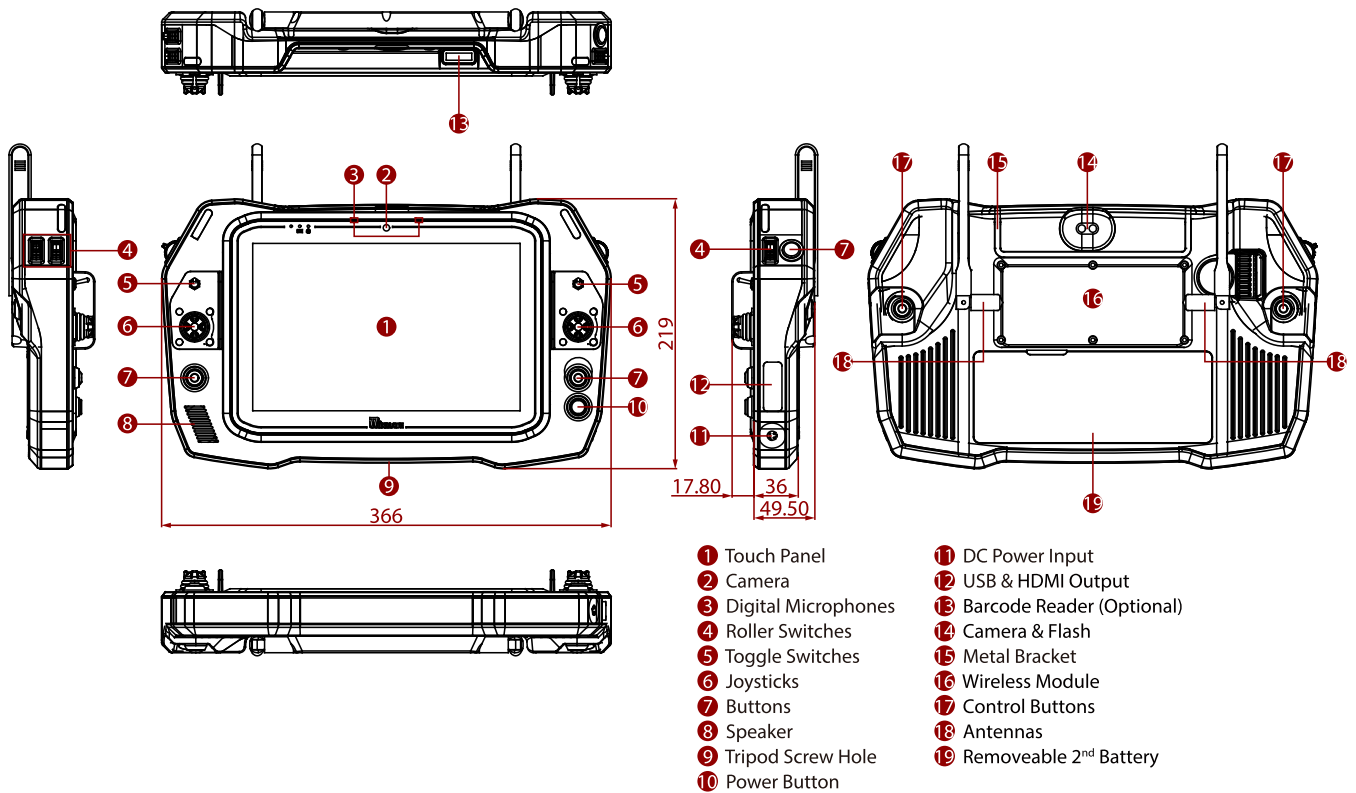- With a removable second battery and a battery life of over 10 hours is a must-have tool for serious UAV pilots

CE FC

SPECIFICATIONS

Display

Resolution	1920x1200	Size	10.1 inches
Contrast Ratio	800:1	Panel Brightness	800 nits
View Angles	85,85,85,85	Bonding	Optical Bonding for Sunlight Viewability
Type	Projected Capacitive Multi Touch	Viewability	Anti-Glare touch treatment
Touch Mode	Support Hand / Gloves and Rain Mode		

System Specification

Processor	ARM A73 x 4 (2.0 GHz) + A53 x 4 (2.0 GHz)	Memory	4GB
Storage	32GB	Operating System	Android 11.0
WLAN	Support	BT	Support
WWAN	4G/LTE (Optional)	GNSS	GPS/GLONASS
Sensors	Ambient Light Sensor, E-Compass, Gyro, Acceleration Sensors		

Camera

Front Camera	8MP Camera	Rear Camera	13MP Camera with LED Auxiliary Light (Auto Focus)

Mechanical

Dimension	366 x 219 x 49.5 mm	Cooling System	Fan Design

IO Ports

USB Port	1 x USB 2.0	Video	1 x HDMI output
Audio	1x Speaker		

Environment

Operating Humidity	10% to 90% RH, non-condensing	Operating Temperature	-20°C to 60°C (AC mode), -10°C to 50°C (Battery mode)
Storage Temperature	-30°C to 70°C (-22°F to 158°F)	Shock	MIL-STD-810H Method 516.8 Procedure I
Vibration	MIL-STD-810H Method 514.8 Procedure I	IP rating	IP65

Certification

Certification	CE, FCC

Security Function

SOTI MobiControl	SOTI MobiControl Compliance	Kensington Lock	Kensington Lock Support
Control			
Button	Left Side: 1x joystick 2x roller switch 1x 2 band toggle switch 1x button (front side) 1x control button (rear side) Right Side: 1x joystick 1x roller switch 1x camera button 1x power button 1x 2 band toggle switch 1x button (front side) 1x control button (rear side)		
Power			
Battery	11.4V, typ. 3500 mAh LiIon Rechargeable Internal Battery (3S1P) 11.4V, typ. 3500 mAh LiIon Rechargeable Secondary Battery (3S1P)	**Battery Operating Time**	Standard. Battery: 10 hours
Power Rating	19V DC	**Adapter**	100-240V, 50-60Hz / 19V DC
Accessory			
Accessory	Adapter and Power Cord	**Optional Accessory**	Battery Charger (Optional) Stylus (Optional)
Communication Link			
Antenna	2x 3dBi Antennas	**Frequency**	2.4GHz
Output Power	1W, Adjustable		

DIMENSIONS UNIT:MM

❶ Touch Panel		⓫ DC Power Input	
❷ Camera		⓬ USB & HDMI Output	
❸ Digital Microphones		⓭ Barcode Reader (Optional)	
❹ Roller Switches		⓮ Camera & Flash	
❺ Toggle Switches		⓯ Metal Bracket	
❻ Joysticks		⓰ Wireless Module	
❼ Buttons		⓱ Control Buttons	
❽ Speaker		⓲ Antennas	
❾ Tripod Screw Hole		⓳ Removeable 2nd Battery	
❿ Power Button			

NOTE

1.This is a simplified drawing and some components are not marked in detail.
2.Please contact our sales representative if you need further product information.
3.All specifications are subject to change without prior notice.
4.The product shown in this datasheet is a standard model.For diagrams that contain customized or optional I/ O, please contact the Winmate Sales Team for more information.