

# 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

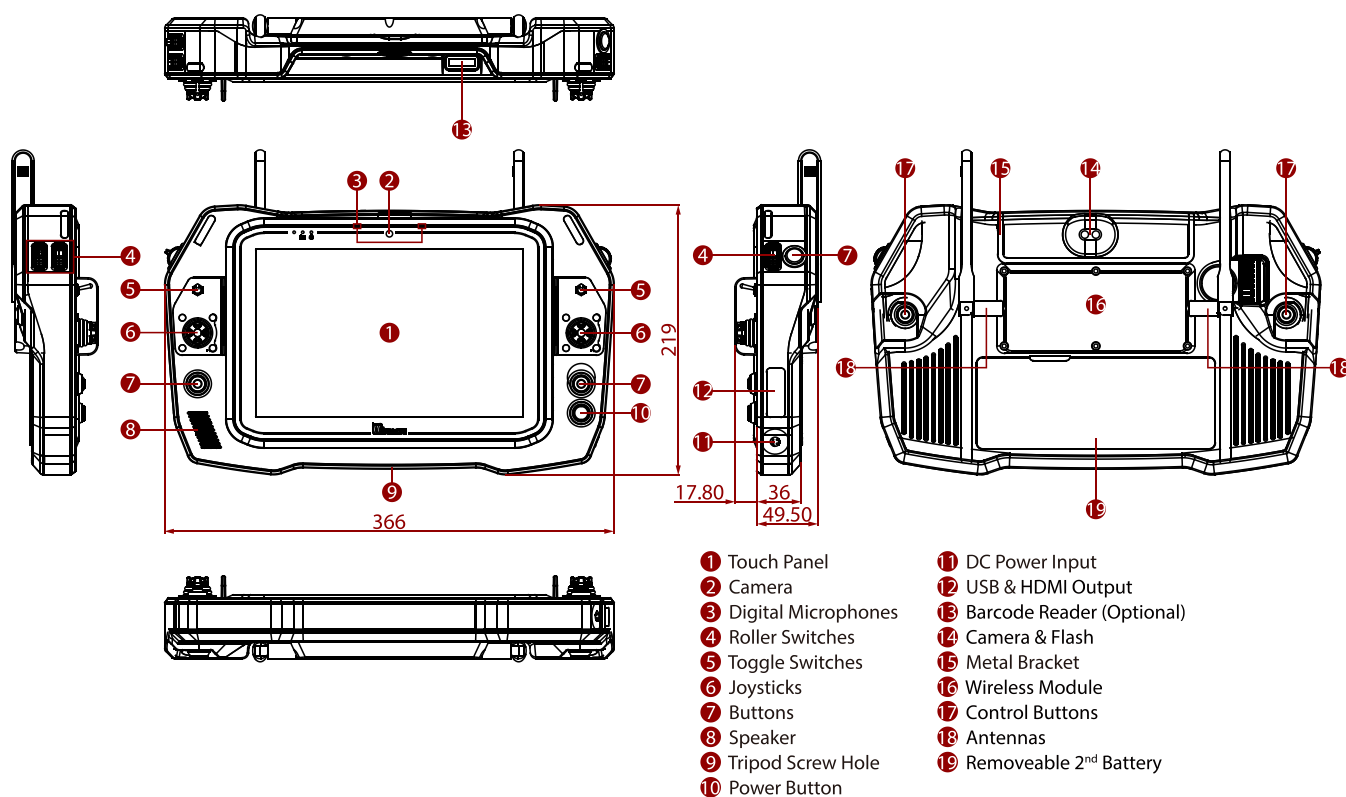


### SPECIFICATIONS

| 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:<br>1x joystick<br>2x roller switch<br>1x 2 band toggle switch<br>1x button (front side)<br>1x control button (rear side)<br>Right Side:<br>1x joystick<br>1x roller switch<br>1x camera button<br>1x power button<br>1x 2 band toggle switch<br>1x button (front side)<br>1x control button (rear side) |                        |                                                 |
| Power              |                                                                                                                                                                                                                                                                                                                    |                        |                                                 |
| Battery            | 11.4V, typ. 3500 mAh Lilon Rechargeable Internal Battery (3S1P)<br>11.4V, typ. 3500 mAh Lilon 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)<br>Stylus (Optional) |
| Communication Link |                                                                                                                                                                                                                                                                                                                    |                        |                                                 |
| Antenna            | 2x 3dBi Antennas                                                                                                                                                                                                                                                                                                   | Frequency              | 2.4GHz                                          |
| Output Power       | 1W, Adjustable                                                                                                                                                                                                                                                                                                     |                        |                                                 |

## DIMENSIONS UNIT:MM



## 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.