Agricultural Machinery Operation Quality Monitor (Screenless Version) - Technical Specification

GNSS Performance	
Positioning System	Full system, all frequency points
Satellite Frequency	BDS： B1I、BIC、B2I、B2a、B2b、B3I GPS： LIC/A、LIC、L2、L5 GALILEO： E1、E5a、E5b、E6 GLONASS： G1、G2 QZSS： LIC/A、LIC、L2、L5 NavIC： L5 SBAS： LIC/A
RTK accuracy	Plane: 0.7cm + 1ppm Elevation: 2cm + 1ppm
Time accuracy	10ns
Speed measurement accuracy	0.05m/s
Time taken for first positioning	Cold start: <30s
RTK initialization time	<5s (Typical Value)
RTK Initialization Reliability	>99.9%
Performance Specifications	
Data output update frequency	10Hz
Network Communication	4G Full Network Connectivity/WIFI
Camera Pixel	PAL: 537 x 597 (300,000 pixels)
sensor	Angle Sensor
Physical Specifications	
Body Dimensions	152X152X65

Protection Class	IP67
Electrical Characteristics	
Input Voltage	9-36V
Power	4.8W
Working Environment	
Operating Temperature	-20°C~70°C
Storage Temperature	-40°C~85°C