



N70

PRECISION DRIVE AUTONOMOUS STEER READY FOR AGRICULTURE



www.macsteer.com

KEY BENEFITS



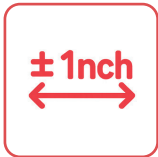
Plug-and-Play

Steer Ready makes autosteering simple—just plug in and start farming with precision.



Original Steering Wheel

Keep the original steering wheel—no removal or replacement needed—for a simpler, faster installation.



± 1 inch Accuracy

Delivers up to ± 1 inch accuracy with multiple correction services—PPP, VRS, RADIO, and PPP-RTK—no base station required.



Original Hydraulic Valve

By keeping the original manufacturer installed hydraulic valve, Steer Ready integrates seamlessly with the vehicle, making installation quick and easy.



Smart Auto Control

Steer Ready provides quick implement alignment and real-time remote monitoring for precise autosteering, simplifying operations and boosting efficiency.



GNSS Receiver

RTK Positioning Accuracy (RMS)

Horizontal: 0.32 inches +1 ppm
Vertical: 0.59 inches +1 ppm
Initialization Time: <5 s (typical)
Initialization Reliability: >99.9%
First Fix Time: <30 s

Constellation

GPS, GLONASS, BDS, Galileo, QZSS, SBAS, L-band

Frequency Bands

GPS: L1C/A/L2P(Y)/L2C/L5
Galileo: E1/E5a/E5b/E6*
BDS: B1I/B2I/B3I/B1C*/B2b*
GLONASS: G1/G2
QZSS: L1C/A/L2C/L5 SBAS: L1C/A

Environment

Ingress Protection Rating: IP67
Humidity: 95%, condensing
Operating Temperature: -31 °F to 167 °F
Storage Temperature: -67 °F to 185 °F



Tablet Display

LED Display

10.1 inches
1280 x 800 p
750 nits

I/O Interface

Power Supply: 12V-24V DC
DI * 2, DO * 2
USB 2.0 * 1
12 V DC output * 2

System

8-core, 2 GHz
2 G RAM
32 G ROM
Android 12.0

Environment

Ingress Protection Rating: IP67
Humidity: 95%, condensing
Operating Temperature: -4 °F to 140 °F
Storage Temperature: -40° F to 158 °F



Controller

Electromagnetic Compatibility

IEC61000-4-2
IEC61000-6-2
IEC61000-4-29

Environmental Adaptability

EC60068-2-1 2007 (low temperature)
EC60068-2-2 2007 (dry heat)
EC60068-2-6 2007-12 (vibration)

Power Supply Voltage

DC 9~36V
with reverse polarity protection

Power Supply Current

MAX3A@DC6V
(excluding power components)

Number Of Control Ports

High side switch*8 Analog input*8

Number Of Communication Ports

CAN*2 RS232*2 RS485*2

Power Port Number

5V 0.8A (peak 1A)*2
Power direct connection port*2

CONTACT

Tel: 214-272-9961

Email: sales@macbot.ai

Headquarters: 411 Industrial Drive, Suite 103, Richardson, Texas 75081

Branch Office: 601 International Avenue, Washington, MO 63090

