



FarmTRXTM

Yield Monitor

Universal installation on any combine with a traditional clean grain elevator, the Yield Monitor is an affordable stand-alone solution to yield monitoring and mapping.

FEATURES

- Electronic Control Unit (ECU) installs in the combine cab to record, process and store data
- Wireless Bluetooth® connectivity to Android™ or Apple® devices
- Records yield data whether connected to the app or not
- Installation on any combine in under 4 hours (all install parts included)

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FarmTRX™

Yield Monitor

Introducing Yield Monitor Plus+ with multi-band GNSS antenna providing 10X improvement in positional accuracy and capable of receiving RTK corrections with future software update.

Yield Monitor Plus+
ECU



Yield Monitor Plus+
GNSS antenna

Yield Monitor Plus+ Specification:

- Multi-Band, Quad-GNSS: GPS, GLONASS, BeiDou, Galileo, QZSS
- NMEA-0183, NMEA-2000, J1939 and RTCM .3x protocol
- 1 second hot-start under open sky
- Sub-metre pass-to-pass accuracy in autonomous mode, decimetre-level accuracy in RTK mode
- Precision GPS upgrade path for Yield Monitor 2.0

Technical Specifications

Receiver Type:	230 channel Phoenix GNSS engine GPS L1/L2C, BeiDou B1/B2, Galileo E1/E5b, GLONASS L1/L2, QZSS L1/L2C
Positioning Accuracy:	Position in autonomous mode - 1.5m CEP Position in RTK mode - 20cm + 1ppm Velocity - 0.05m/sec* 1 Time - 12ns RTK convergence - <10sec Update Rate - 5Hz
Protocol:	NMEA-0183 V4.1 GGA, GLL, GSA, GSV, RMC, VTG 115200 baud, 8, N, 1
Datum:	Default WGS-84
Input Voltage:	12-18 VDC
Current Consumption:	300 mA
Power Consumption:	1.7 Watt
Reverse Polarity Protection:	Up to 28 VDC
Certifications:	CE, FCC, RoHS compliant
Warranty:	2 year

Antenna

Frequency:	GPS L1/L2/L5 GLONASS L1/L2/L3 BeiDou B1/B2/B3/B2a Galileo E1/E5b/E5a
Polarization:	RHCP
Axial Ratio:	< 3dB
Peak Gain:	> 2dBi
VSWR:	< 2.0
Noise Figure:	< 1.5 dB
Gain:	28dB +/- 2dB
Passband Fluctuation:	1.5dB
Supply Voltage:	3-12 VDC
Current Consumption:	< 50mA
Operating Temperature:	-20°C to +50°C
Connector:	SMA
RFCable:	RG174, 3m
Mounting:	Magnetic Base/Plastic mounting/Double-sided tape

For more information please contact us
by using one of the methods below.