

Header Height Sensor

The **Header Height Sensor** is the latest product to be added to the FarmTRX harvest monitoring suite.

The Header Height Sensor significantly improves the in-cab calculation of harvested area and provides real-time cut height feedback to the operator.



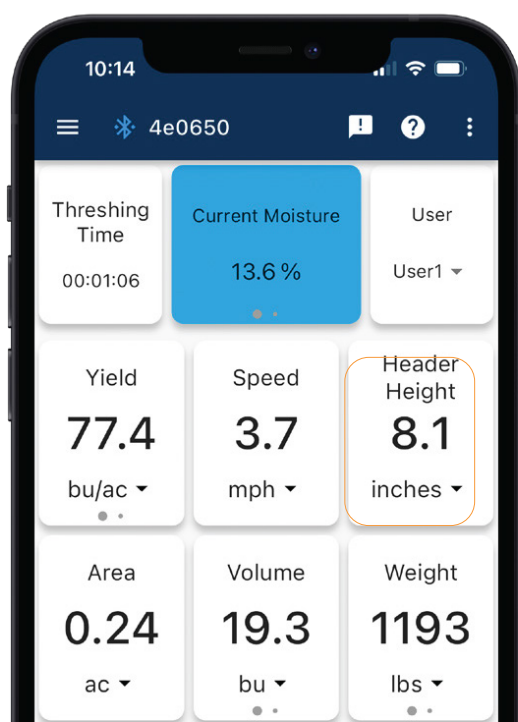
How It Works

The Sensor uses two inertial measurement units (IMU) to determine its orientation relative to the ground. A Master sensor (Sensor A) is mounted to the combine frame and a Remote sensor (Sensor B) is mounted to the feeder house, allowing for accurate header height results whether the combine is harvesting uphill, downhill, or tilted on sidehills.

Why Add the Header Height Sensor?

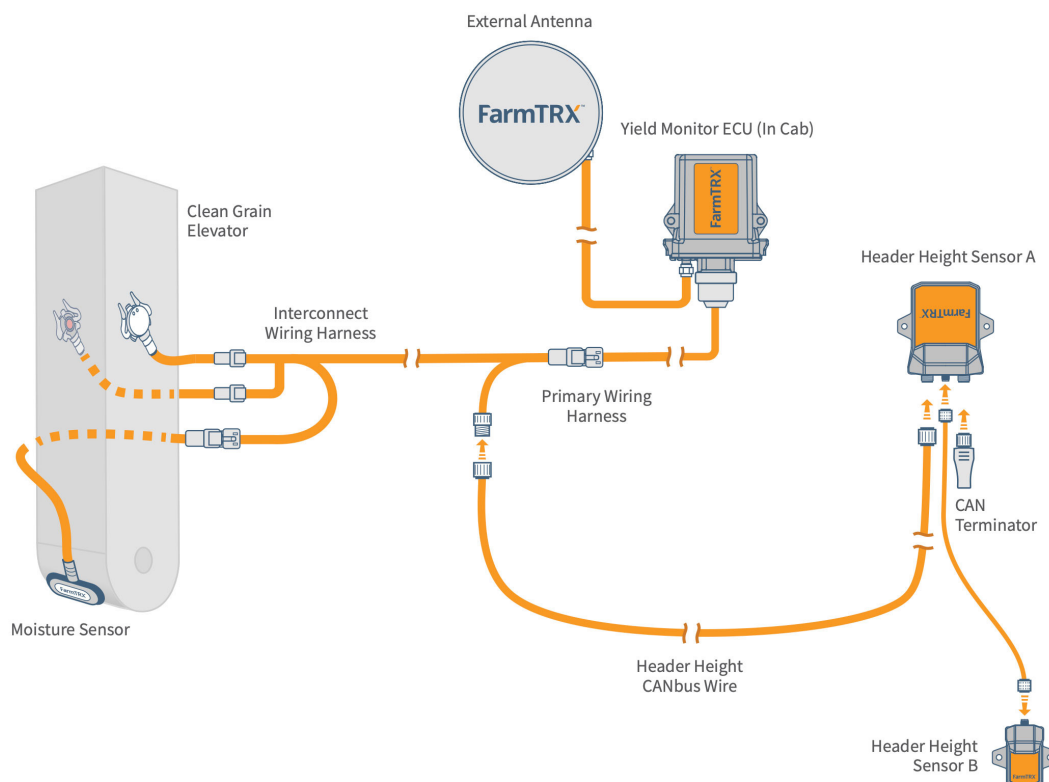
The Header Height Sensor is a low-cost add-on component that delivers better in-field area accuracy at harvest. Addition of the Header Height Sensor greatly improves on-the-go yield calculations, especially in smaller, irregular shaped fields with many turns.

Cut height (2-3 cm accuracy) is displayed on the Live Harvesting Screen of the FarmTRX mobile app.



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SYSTEM OVERVIEW



Technical Specifications

Sensor type	• 2 x Inertial Measurement Units (IMUs)
Connectors	• Sensor A: M12 CAN connectors, M8 sensor wire (6-pin) • Sensor B: M12 CAN connectors, M8 sensor wire (4-pin)
Mounting locations	• The Master sensor (A) is mounted to the combine frame • The Remote sensor (B) is mounted to the feeder house
Mounting methods	• VHB (Very High Bond) adhesive pad on the vbottom of each sensor • Hard fastening with metric M5 or #10 imperial fasteners (optional)
Calibrations	• Performed in FarmTRX Harvest mobile app • Orient the sensor bodies • Set the height range
Interface	• 3 x LEDs (SENSOR, CANBUS, RADIO)

Contact Information

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