

1. Theory of Operation

The Terrahawk ground penetrating radar sensor is designed to mount on the header of an agricultural harvester to measure the distance to the ground and/or crop. This data may be used for header control as well as logged for analysis. Sensors should be mounted in accordance with the installation manual for the specific header being used.



Terrahawk sensors are connected through a CAN bus on the header to a Horizon base controller mounted on the header near the single point connection. The user interface for the Horizon base controller is generally an OEM or aftermarket UT in the cab of the combine. This manual explains the operation and settings for the Terrahawk units through Horizon interface on the UT.