XCN-2050™

ALL MAKES

The XCN-2050 display is an advanced, in-cab, multi-touch screen display, built on the Android™ operating system. The intuitive interface makes it easy for both beginning and advanced users to implement precision agriculture solutions.

Display Features

- 12.3" high-definition color touchscreen display
- Integrated camera with support for an additional external camera
- Customizable tablet-like interface
- Choice of configurations with Precision-IQ™ and FM-1000™ Plus display software

Guidance and Mapping

- Autopilot™, Autopilot™ Motor Drive, EZ-Pilot™ or EZ-Steer® steering systems
- TrueGuide™ and TrueTracker™ Implement Guidance
- RG-100 Combine Row Guidance
- NextSwath™ end-of-row turn technology
- As-applied and coverage mapping

Application Control

- Field-IQ™ crop input control:
  - Automatic section control for up to 48 sections
  - Variable-rate control of up to 6 products
- ISOBUS section and variable-rate
- Serial Rate and TUVR (Universal Variable-Rate)

Harvesting

- Yield monitoring and mapping

Water Management

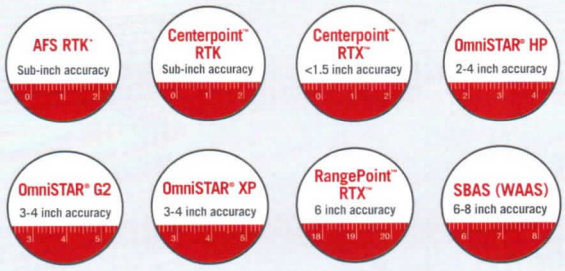
- WM-Drain® farm drainage solution
- FieldLevel™ II land leveling and levee installation

GNSS Receiver/Antenna

- GLONASS standard
- Upgradeable to medium and high accuracy
- Second receiver module option
- Integrated RTK radio module option

GUIDANCE

Correction Sources and Accuracies



UPGRADES

Additional Features and Accuracy Upgrades

Features

- FM-1000™ Plus APP
- ISOBUS Task Controller
- Multi-Product Control
- Prescription Variable-Rate
- Serial Rate and TUVR
- NextSwath
- NextSwath Connect
- RG-100 Row Guidance
- TrueTracker™
- TrueGuide™
- Yield Monitoring
- FieldLevel™ II
- WM-Drain®
- WM-Drain Pitch Control
- Vehicle to Vehicle Data Exchange

Accuracy Level

- Basic to Medium
- Medium to High
- Basic to High

XCN-1050™

ALL MAKES

Tackle farming applications for every season and across all your equipment brands with the new XCN-1050 display system with NAV-900. The XCN-1050 display is a sleek, easy-to-use display featuring a quad-core processor and the Precision-IQ™ field application software.

Display Features

- 10" high-definition color touchscreen display
- Bluetooth® and WiFi capable
- Includes Precision-IQ™ field application software
- Front-facing 1.0 MP camera
- Built-in VRS Daemon – connect to VRS networks via cell phone or other internet capable device

Guidance and Mapping

- Autopilot™, Autopilot™ Motor Drive, and manual guidance
- NextSwath™ end-of-row turn technology*

Application Control

- Field-IQ™ Basic
  - Single liquid product control
  - Up to 24 individually controlled sections
- ISOBUS
  - Universal Terminal (UT)
  - Task Controller (TC) with multi-product control of up to 2 products
  - Section Controller (SC)
- Serial Rate and TUVR (Universal Variable-Rate)

NAV-900

- Integrates the GNSS receiver and Autopilot™ Guidance Controller in a single, roof-mounted enclosure
- Powerful GNSS receiver supports GPS, GLONASS, Galileo, and Beidou satellite systems
- Delivers faster RTX convergence times and more robust performance in areas where satellite visibility may be obstructed
- Features quick release mounting adapter for Case IH and other brands for easy installation and transfer between vehicles

GUIDANCE

Correction Sources and Accuracies

UPGRADES

Additional Features and Accuracy Upgrades

Features

- VRS Correction Client
- Prescription Variable-Rate
- ISOBUS Task Controller
- Serial Rate and TUVR
- ISOBUS Multi-Product Control
- Autopilot™ (CAN install)
- Autopilot™ (Autopilot Motor Drive install)
- NextSwath*

Accuracy Level

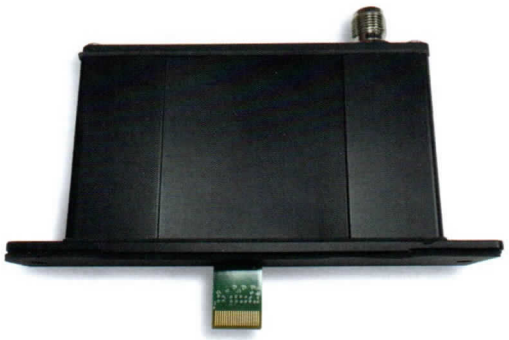
- Basic to Medium
- Medium to High
- Basic to High

** Future release. Not available at launch.*

RTK CONNECTIVITY OPTIONS

ALL MAKES

AG-715 RTK RADIO



The AG-715 integrated radio was designed exclusively for use with the AFS 372 GNSS receiver, providing access to high-precision CenterPoint™ RTK networks:

- The compact AG-715 design mounts easily under the AFS 372 GNSS receiver
- Available in 900, 430-450, and 450-470 MHz frequency ranges

AM-53 MODEM

The AM-53 Modem transports NTRIP correction data via cellular from a correction source such as the AFS RTK+ network or other CORS/VRS service:

- Common modem with AFS Connect
- Dual GSM/CDMA SIM standard
- Easily configured through the AFS Pro 700

NMEA-BT BLUETOOTH DEVICE

The NMEA-BT Device connects compatible AFS 372 receivers via Bluetooth® to your iOS device such as an iPhone® or iPad®, allowing the utilization of the cellular data from that device to provide cellular NTRIP RTK corrections such as AFS RTK+ to the receiver:

- Free NTRIP/RTK client app for iOS
- Use the cellular provider of your choice
- Long-range Bluetooth – over 100M operating range between NMEA-BT Device and iOS device
- Supports data transfer rates up to 115.2 Kbps

RTK CONNECTIVITY OPTIONS

ALL MAKES

GX450 WIFI MODEM

With 4G/LTE support and 3G backup, the GX450 Modem provides excellent connectivity for cellular RTK corrections.

Features

- 4G/LTE compatible with Verizon, AT&T®, Sprint®, T-Mobile® USA, US Cellular®, Rogers, Bell, Telus carriers
- 2.4 GHz WiFi providing access for up to 8 clients simultaneously
- AFS RTK+ compatible
- LED lights for simple diagnostics of power, activity, signal, and network

Advantages

- Bring your own data plan, giving you the flexibility to choose the plan that best fits your operation
- Use the built-in WiFi with Vehicle Sync to easily share data between vehicles (XCN-2050™ and FM-1000™ displays only)
- The compact size allows the GX450 to be easily mounted in the vehicle cab
- Easily configurable through the AFS Pro 700 when used with the AFS 372 GNSS receiver

COMPATIBILITY

Compatible with:

- AFS Pro 700
- XCN-2050™
- FM-1000™
- XCN-1050™
- FM-750™
- AFS 372

AFS RTK+ ALL MAKES

Cellular-based correction available exclusively from your Case IH dealer:

- High accuracy and availability in North America
- Fast connection everywhere and at any time
- Flexibility for a single subscription for unlimited access; compatible with all hardware
- Supports profitability in all your farming tasks (seeding, fertilizing, spraying) thanks to the signal's sub-inch accuracy
- Simplicity with a single contact for your hardware and correction signal
- Quality and reliability backed by the Case IH support team

Multi-Brand Compatibility*

Regardless of the brand, you get instant access to the high-precision AFS RTK+ network without having to manually switch from one reference station to another.

Fast and Reliable Connection

The AFS RTK+ network has a large number of RTK reference stations installed in North America – so a GPS signal is always available.

Sub-Inch Accuracy

Regardless of the geographic position of your field, you can connect to the AFS RTK+ network. It offers sub-inch accuracy, with a very short connection time.

Download the Mobile App

Keep track and monitor the status of your fleet from your mobile phone. The AFS RTK+ app is available for Android and iOS – download for FREE from the Google Play Store or Apple Store:

- Monitor your equipment and see surrounding reference stations
- Zoom in to see a specific vehicle or reference station
- View details of a vehicle or reference station
- Use list mode to see the active vehicles and filters

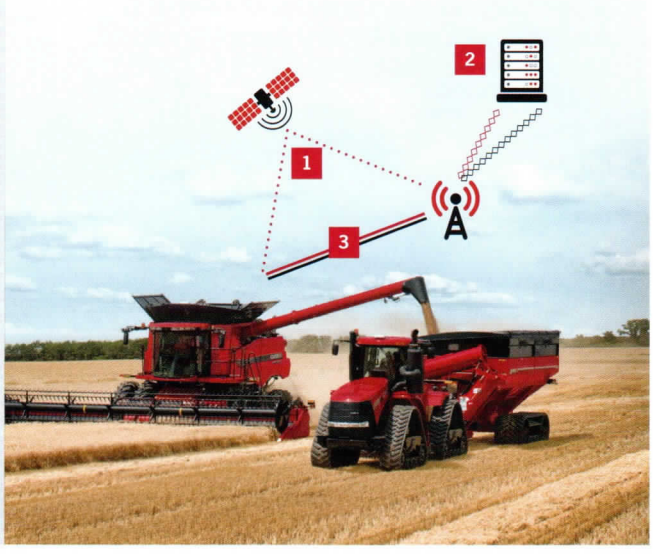
iOS Android

How Does It Work?

1. A connection is made between the satellites, your vehicle and the AFS RTK+ network
2. The information goes back to the central server for analysis of the data
3. The correction is sent to your vehicle instantly via cellular networks, which gives you sub-inch accuracy

Wherever you are, the correction is calculated from the surrounding network stations.

Contact your local Case IH dealer to determine if your area has AFS RTK+ coverage.



** Currently not compatible with John Deere's proprietary NCT data format.*

CORRECTION SERVICES

Case IH offers a number of corrections with three types of delivery so you can choose what is best for your operation.

Correction Accuracy and Initialization

CORRECTION OPTIONS	DELIVERY METHOD	ACCURACY						INITIALIZATION/CONVERGENCE			
		<1"	1.5"	+/- 2"	2-4"	3-4"	6"	<1 min	<5 min	<30 min	<45 min
AFS RTK+											
AFS 2											
AFS 1											
CenterPoint™ RTK											
CenterPoint™ RTX™								*		**	
OmniStar® HP											
OmniStar® XP											
OmniStar® G2											
RangePoint RTX											
WAAS											

** CenterPoint RTX FAST initialization/convergence <5 min* *** CenterPoint RTX STANDARD initialization/convergence <30 min*

Delivery Method Applications

DELIVERY METHOD	REQUIRES
	Open views of the sky at all times
	Reliable cellular coverage is available
	Established RTK base station within 8 miles

Pass to Pass

FIELD OPERATIONS	< 1"	+/- 1.5"	+/- 2-4"	+/- 6"
Spraying				
Spreading				
Field Preparation				
Mapping				
Harvesting				
Seeding				
Planting				
StripTill				
Water Management