



Topcon's newest precision farming controller is an entry level auto steering and visual guidance console that offers the same look and feel of the innovative and easy-to-use X30 touchscreen.

This 4.3" full color touchscreen offers 3D graphics for moving map manual guidance, coverage mapping, or autosteering. It also features an on-screen lightbar. In a later release, the X14 will be upgradable to perform both automatic spray rate and section control.

For entry level guidance or autosteering, with the convenience and ease-of-use that Topcon touchscreens are noted for, the solution is the new X14 console.

X14

Touchscreen Guidance Console

X14 Console

Like its big brother, the X30 Console, the X14 touchscreen console offers a simple, icon-based, user-configurable interface with a full range of guidance patterns (including boundary and U-turn recognition). The bright, sunlight readable display offers easy setup on market leading vehicle platforms including tractors, sprayers and harvesters.

Start with low cost manual guidance, with the capability to step up to higher accuracy all the way to RTK for the operator who wants real precision performance.

It's easy to learn... easy to use...easy to upgrade as your precision farming needs grow.

SGR-1 GNSS Receiver

The X14 provides manual guidance and coverage mapping when used with the Topcon SGR-1 GNSS Receiver.



The SGR-1 features Topcon TruPass™ advanced positioning technology for higher, more stable pass-to-pass accuracies in dynamic ag applications. Additional low cost, optional harnessing provides support for remote coverage engage.

AGI-4 GNSS Receiver/Steering Controller

For low-cost with high-accuracy autosteering, the X14 can be paired with Topcon's new AGI-4 GNSS Receiver/Steering Controller. The AGI-4 provides industry-leading autosteering performance and features industry-first ISO11783 compatibility. This combination also unlocks one of Topcon's most sought-after guidance modes: Guidelock. With Guidelock, waylines are generated automatically based on existing coverage patterns in the field.



AES-25 Electric Steering

The X14 is compatible with Topcon's AES-25 Electric Steering System.

The AES-25 offers electric convenience with full hydraulic performance.

Its direct-drive, high-torque motor provide silent operation and the world's most accurate electric steering.



Key Features

- 3D Graphics via 4.3" (10.9 CM) touchscreen
- On-screen navigation menus
- On-screen lightbar
- Modular design (independent of GPS)
- Steering patterns: A-B Line, Identical Curve, Pivot, Guidelock
- Automatic Sprayer Rate and Section Control via optional ECU*
- Coverage Mapping
- Return to Point
- Receiver compatibility with Topcon SGR-1 or AGI-4
- Compatible with Topcon AES-25 Electric Steering System
- Multiple language capability

*Available in next release.

Specifications

Display

Type	Color Graphic LCD with LED backlight
Dimensions:	4.3" (95mm w x 53mm h)
Resolution:	480x272 pixels
Inputs:	Touch; analogue resistive

Processor

CPU:	Freescale, 532 MHz
Storage:	Approx. 900 MB
RAM:	256 MB

Power

Operating Range:	9 - 36 VDC
Protection:	Short circuit protection
CAN Interfaces:	2; ISO 11898
RS-232:	1; RS-232 interface
Environmental:	ISO 16750-4/Road Vehicles
Operating Temperature:	-30° to +65°C
Storage Temperature:	-40° to +85°C

Full-color, 3D touchscreen brings new ease-of-use and flexibility to entry level guidance

