

Field-IQ ISOBUS Advanced Sprayer Control System

Trimble® Field-IQ™ ISOBUS control solutions provide compatible application control. With AEF-certified ISO compatibility, Field-IQ crop input control solutions give greater control over investment decisions, helping to get the most out of spraying equipment and input costs in every field.

The Field-IQ ISOBUS Advanced Sprayer control system—the Field-IQ ISOBUS ECU paired with a new PC-based sprayer configuration tool—delivers total sprayer control. This solution provides the greatest level of customisation for advanced spraying machines possible with rate control, section control, frame and boom control, tank level management and basic on/off soft key programming.

Expensive spraying implements can also be prepared for the future as Field-IQ ISOBUS systems have the ability to communicate with camera spot-spraying systems, enable band spraying modes, monitor data pressure registration, control headland and turn spray pressures and allow control of several tank management options.

Key Benefits

- Leverage section and rate control to boost crop yields and save on chemical inputs
- Get excellent spraying results without the fuss of piecing together a customised system
- Save money only purchasing the components needed for specific equipment and growing requirements
- Peace of mind with guaranteed compatibility via AEF ISO 11783 certification



Field-IQ ISOBUS Advanced Sprayer

Control System

Technical	
Processors (2)	32-bit ARM® Cortex-M4 CPU 168 MHz, 2048 KB flash; 256 KB RAM
External memory	SPI-Flash 16 MB; SDRAM 16 MB; FRAM 16 kByte
Connections	42-pin connector for connecting actuators/sensors 2x 16-pin connector for power supply and CAN The connectors can be locked and equipped with single conductor insulations
Interfaces	Up to 3xCAN*
Power supply	12 V electrical system (9-16 V), maximum current consumption 30 A
Current consumption (IN)	500 mA (at 14.4 V without power output, without supply to external sensors)
Standby current (OFF)	70 µA (typ.)
Temperature	
Operating and storage temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Housing	
Housing	Anodised aluminium continuous cast casing, plastic lid with seal and pressure compensation element, stainless steel screws
Protection rating	IP6K6K (with installed connectors)
Dimensions	Approx. L 262 mm (10.3") W 148 mm (5.8") H 62 mm (2.4") (Without connector)
Weight	Approx. 1 kg (2.2 lbs)
Certifications	
AEF ISO 11783 certification	UT, ISB, AUX-N, TC-BAS, TC-GEO, & TC-TC

*Other interfaces upon request



Contact your Trimble Ag Reseller today

TRIMBLE AGRICULTURE DIVISION

10368 Westmoor Drive
Westminster, CO 80021
USA
+1-720-887-6100 Phone
+1-720-887-6101 Fax

EUROPE

Trimble Germany GmbH
Am Prime Parc 11
65479 Raunheim
GERMANY
+49-6142-2100-0 Phone
+49-6142-2100-140 Fax

