

# **iSOCAN Artemis** Drill Control System

**NEW**



A multi-channel electric drive system providing the control and monitoring requirements of the modern seed drill.

With increasing adoption of variable rate technology and requirement for control of multiple products on the modern seed drill the **iSOCAN Artemis** is the ideal user interface to provide intuitive operation

**RDS TECHNOLOGY**

P R E C I S E L Y

[www.rdstec.com](http://www.rdstec.com)

The new **iSOCAN Artemis** uses a 7" colour touch-screen display and additional keys providing a modern and ergonomic user interface.

Building on the popular PSi Artemis system, the iSOCAN version uses a Bridge Module to interface with the same RDS drill mounted CAN modules.

Software is configurable to control upto 4 products/ motors i.e. 1x seed & 1x fert or 1x seed, 1x fert & 1x slug pellets.

The system continues to provide the basic monitoring and control functions including:

- Tramlining
- Low hopper level alarms
- Fan speed alarms
- Information totals (area, weight used, job duration)

**iSOCAN Artemis** can be supplied as standard fitment in conjunction with the Artemis system, or offered as an upgrade to exist PSi Artemis users if necessary.

#### FEATURES:

- Colour touch-screen display
- Auto pre-start function
- Variable rate capability
- Quick and easy product calibration
- Reversing camera inputs
- Multi-channel control of electrically driven metering units
- Tramline reduction
- iSOCAN Artemis Bridge Module allows ISOBUS connectivity
- USB & SD capability

#### ADVANTAGES:

- Clear, uncluttered display provides intuitive operation
- Gets product to the coulters before the drill starts moving
- Set application rates and manually adjust as required
- Ensures ease of calibration between crop types/varieties and so maximum accuracy
- One display with 2 functions
- Just 1 user interface for the drill instead of 2 or 3
- Motor speed reduction on tramline bouts to ensure correct application rates (when enabled)
- Provides flexibility for the increasing demand for ISOBUS
- Ease to load data

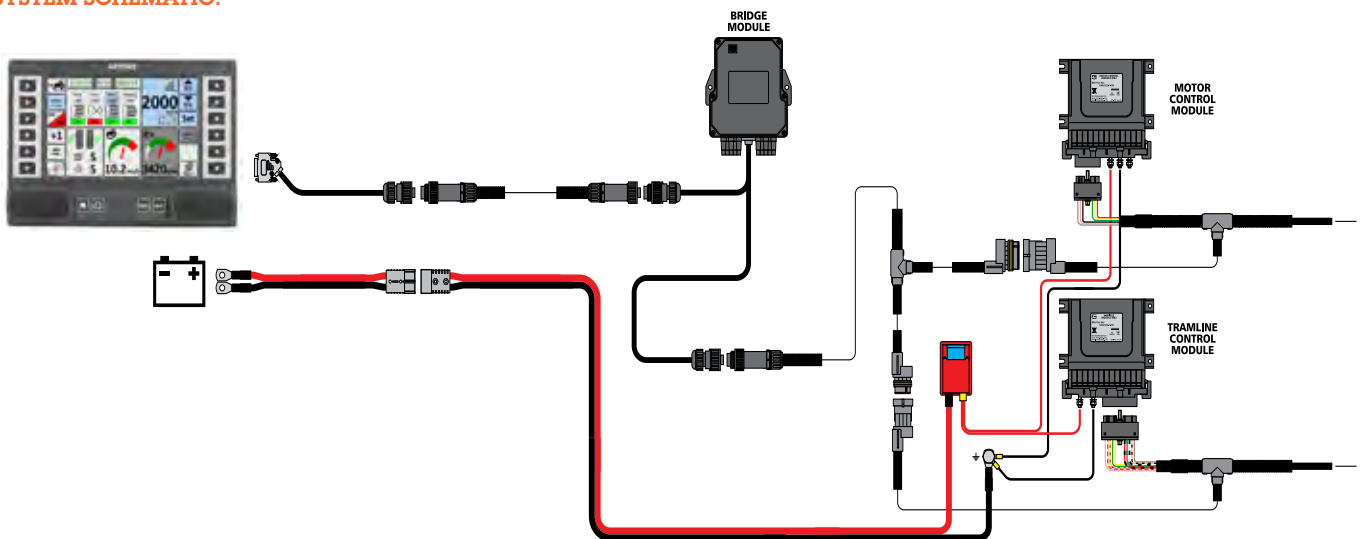
#### TECHNICAL DETAILS:

Operating voltage:	11 - 28 Vdc
Display:	High brightness (400mcd) colour, 7" widescreen format (800x480) LCD with touch-screen
Switches:	16 backlit physical keys for application specific functions
Warranty:	2 year
Dimensions:	227mm x 157mm x 45mm (WxHxD)

#### SYSTEM ENHANCEMENTS:

<b>Camera:</b>	iSOCAN has 2 external camera inputs
<b>Precision Farming</b>	4 channel variable rate capability or by interface with 3rd party (activation code required - see iSOCAN Enhancements)
<b>Guidance:</b>	iSOCAN can be used for parallel guidance purposes with Apollo or standalone (activation code required - see iSOCAN Enhancements)
<b>Headland Control:</b>	With a virtual headland system will start/stop spreading automatically (activation code required - see iSOCAN Enhancements)

#### SYSTEM SCHEMATIC:



RDS Technology Ltd, Cirencester Road,  
Minchinhampton, Stroud, Glos, GL6 9BH, UK  
T: +44 (0)1453 733300 info@rdstec.com

# RDS TECHNOLOGY

P R E C I S E L Y

[www.rdstec.com](http://www.rdstec.com)

Errors and omissions excluded, technical details are subject to change. ref: iSOCANArtemis/EN