

# Ceres 8000i Yield monitor



A fast reacting and accurate yield monitor for all types of combine harvester

The RDS **Ceres 8000i** uses 'state of the art' optical sensing technology to measure live yield and displays dry/wet harvested weight.

Now with integral SD card reader for straight forward transfer of data to a PC.

**RDS TECHNOLOGY**

PRECISELY

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

The RDS Ceres 8000i is a dynamically accurate, continuous crop yield monitor system that enables you to see and map your yield as you cut.

Using a number of permanent sensors the Ceres 8000i measures yield, forward speed, moisture content, header position and angle position (2- axis).

Suitable for use on virtually all combines, the Ceres 8000i is configurable to suit cereals harvesting. It requires a single GPS receiver to be fully functional for a full yield mapping system and with an internal secondary software module acts as a multi-function cab-computer for yield monitoring, yield mapping, soil mapping and variable rate control applications.

#### FEATURES:

- Integral SD card reader for the easy transfer of yield data to third party farm management softwares.
- Instant and average, wet and dry readings.
- Intuitive and comprehensive information display shows all relevant 'live' yield data.
- Highly visible back-lit display for use in all light conditions.
- Soil tare for calculating accurate yield accounting for soil stuck to crop.
- Now with revised junction box and integral inclinometer
- Yield, moisture, & feature ( tag) mapping included as standard.
- Secondary software option for use of instrument in other applications
- Integral SD card reader for the Instant and average, wet and dry readings.
- Magnetic, radar or GPS speed input available.
- Analogue table height sensor option.

#### ADVANTAGES:

- Can be used to harvest a number of different crops using pre-installed settings.
- Live display of yield spot rate.
- Allows accumulated total yield.
- Subtotal area and tonnage saved for each crop.
- Instantaneous recording of yield for mapping purposes.
- Secondary software option allows instrument to be used outside of harvest time.
- Simple calibration procedure with an auto cal routine to learn elevator characteristics.
- Ease of use and speed compensation enables use by numerous drivers.
- Compatible with Farmade Gatekeeper, Farmworks and New Holland PFS mapping software.
- Sales, service and support from RDS distributors.

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#### TECHNICAL DETAILS:

Operating voltage:	11 - 28 Vdc
Switches:	Rubber membrane - sealed
Display:	160 x 128 pixel (95 x 75mm)
Temperature range:	-30°C to +75°C operating -40°C to +85°C storage
Warranty:	2 year
Env. protection:	Instrument unit IP67 Full RFI/EMI protection

#### SYSTEM ENHANCEMENTS:

**GPS 16** - the only requirement needed to receive GPS signal for a full yield mapping system or GPS speed input.

**TGSS** - for radar measurement of true ground speed.

**Secondary Software Module** - allows the instrument to be used for a different purpose outside of harvest time.

**Weighlog 200** - on-board weighing system for loaders and trailers.

**Delta 34i** - a fast reacting sprayer regulation system for pressure or flow based units.

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#### DISTRIBUTORS:

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