

Season-long canopy analysis at a higher resolution

The RedEdge-P is the rugged, high-quality, powerful multispectral sensor you've come to trust, now with a high-resolution panchromatic band for pan-sharpened output resolutions of 2cm (at 60m) - twice the ground resolution of the industry-standard RedEdge-MX. It enables pixel-aligned outputs at previously unattainable resolutions while maintaining the efficiency and reliability of the RedEdge legacy, opening the door to season-long comprehensive plant canopy analysis at all growth stages.

Application

- Plant counting
- Phenotyping
- Plant health mapping
- Fertilizer management
- Disease identification
- Species differentiation and weed detection
- Advanced crop scouting
- High-res 3D point clouds

Key Features

- High-resolution panchromatic band for pan-sharpened output resolutions of 2cm (0.8in) at 60m
- Five spectral bands for multiple vegetation indices and composites
- New professional removable storage standard in CFexpress, enabling up to three captures per second for faster flight speeds, cutting down on time required to map an area
- Electrical and mechanical interfaces compatible with existing RedEdge installations with just a connector upgrade

Technical parameters

WEIGHT:	350 g (12.3 oz.) RedEdge-P + DLS 2
DIMENSIONS:	8.9 x 7.0 x 6.7 cm (3.5in x 2.8in x 2.6in)
STORAGE:	CFexpress card
KIT CONTENTS:	<ul style="list-style-type: none">• RedEdge-P sensor• Lens cover• Calibrated reflectance panel• DLS 2 light sensor with integrated GPS• RedEdge-P and DLS 2 cables• Mounting screws• Hard carrying case• CFexpress card reader