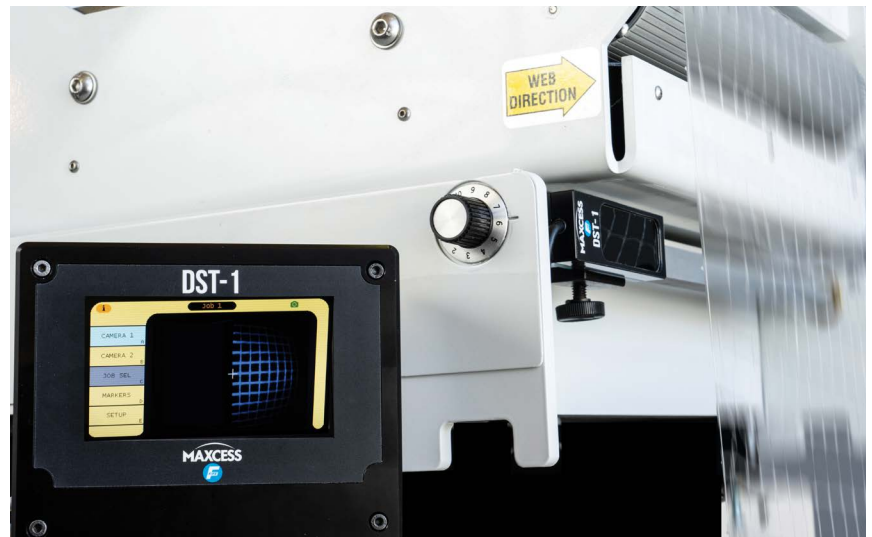




The DST-1 sensor from Fife brings a revolutionary breakthrough in sensor technology to guide the most challenging materials other sensors simply can't. The DST-1 requires no external light source or reflector and offers the ability to detect the web from one side.

In addition, with an intuitive touchscreen for setup and calibration, changing materials is a breeze.

From mesh material to wire gauge and frayed materials, challenging materials are no problem for the DST-1.



## GENERAL SPECIFICATIONS

### Operating Temperature:

0 to 60°C  
(32 to 140°F)

### Sensor Dimensions:

112 x 34 x 18 mm  
(4.4 x 1.3 x 0.7 inches)

### OI Dimensions:

156 x 126 x 66 mm  
(6.1 x 5 x 2.6 inches)

### Sensor's Working Spectrum:

NIR (near infrared)

### OI Display Type:

Color Touchscreen  
480 x 272 pix

### Sensor Update Range:

83 Hz

### Operating Current:

24 VDC/0.3A  
12 VDC/0.35A

### Voltage Input Range:

10–26 VDC

### Analog Output Range:

0–20 mA  
(at nominal load 100 Ω)

### Field of View (at distance):

70 mm (at 20 mm) to  
250 mm (at 250 mm)

### Resolution (at distance)

0.025 mm (at 20 mm)

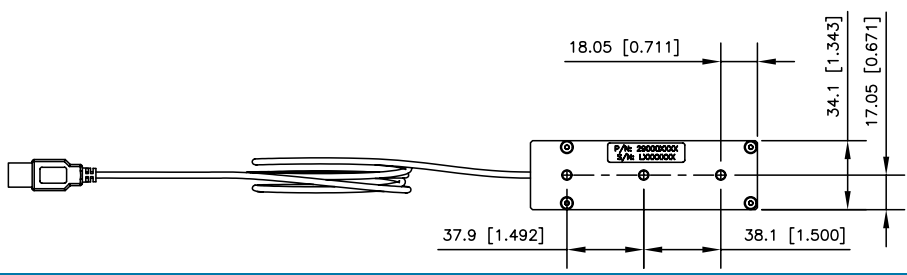
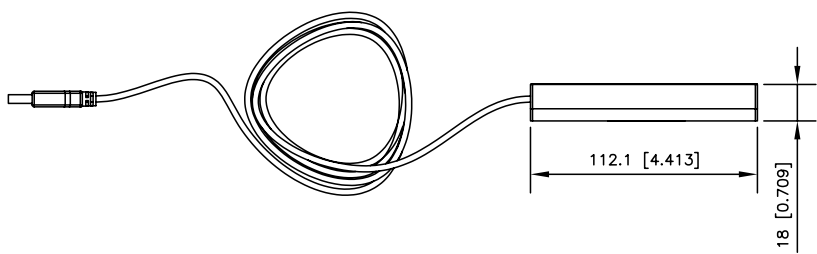
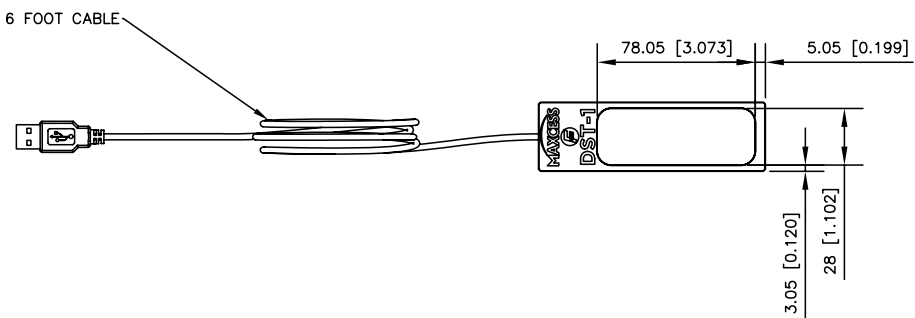
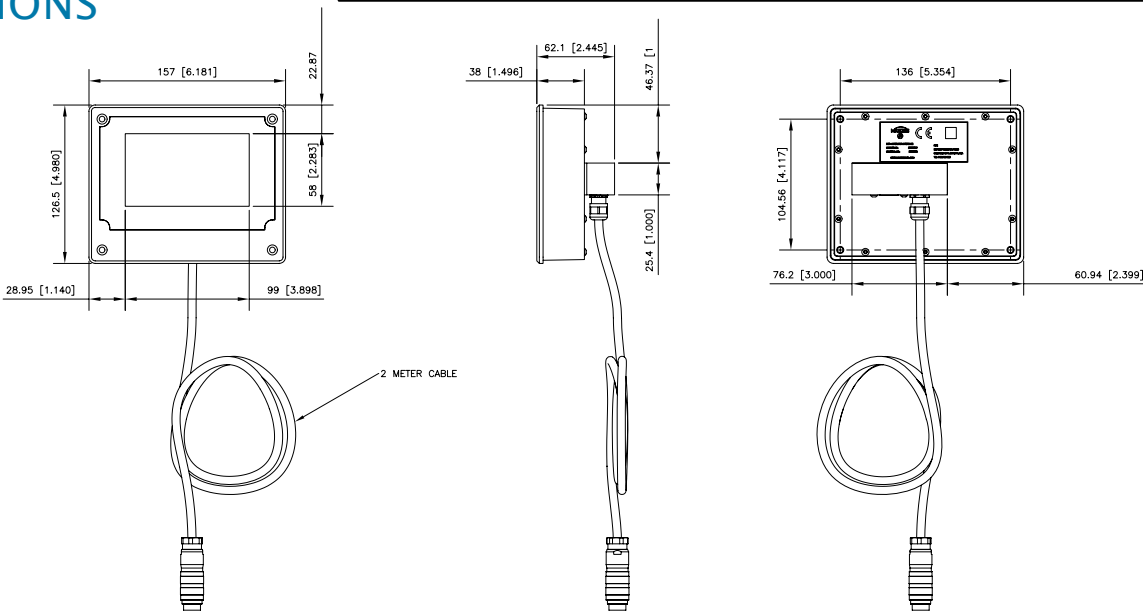
### IP Rating:

IP54

## KEY FEATURES

- Multiple cameras to detect material
- Able to guide the most challenging materials
- Easy setup
- No external light source or reflector required
- Detects web from one side

## DIMENSIONS



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