



H3635 Signal Processing Unit

Digital Sensing System (DSS) for Width Measurement



- **RS-232 port**
- **Easy, on-site calibration**
- **Fault detection**
- **Industrial enclosure**
- **Analog outputs**
- **Touchscreen option**
- **All cable connections**

The H3635 processing unit series featuring DSS (scanned LED) technology is designed to provide accurate width readings for a variety of applications. It is used with our standard DSS emitter/receiver combination. On-site calibration feature allows for the best possible accuracy taking into account all local conditions. Additional programming options allow for unique solutions and /or accommodate special needs.

The centerline deviation and analog output features allow the system to be used in conjunction with North American guiding equipment for high performance guiding for any application. Call North American for details.

SPECIFICATIONS

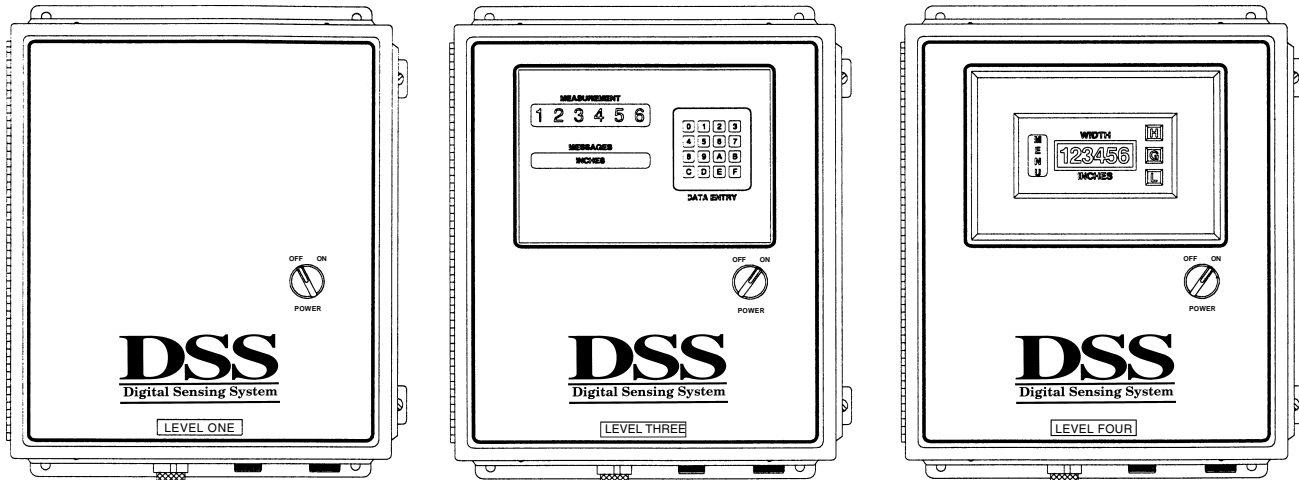
Power Source: 90-264 V ac, 47-63 Hz, universal power supply

Dimensions: 14" H × 12" W × 6" D (356 mm × 305 mm × 153 mm). Approximate mounting hole centers: 14³/₄" H × 10" W (~375 mm H × 254 mm W).

Ambient Temperature Limits: 32-122 F (0-50 C)

Display/Interface available: LED or touchscreen

Analog Outputs: 0-10 V dc and ±10 V dc width output, ±10 V dc centerline deviation



H3635-01-100 / H3635-01CLR-100 - (Level One)

RS-232 interface only which requires a computer and terminal emulator, no operator interface.

H3635-03-100 / H3635-03CLR-100 - (Level Three)

LED display and keypad interface and separate displays for measurement and messages.

H3635-04-100 / H3635-04CLR-100 - (Level Four)

LCD touchscreen interface required for some of the available options.

All H3635 units feature the following:

- Two analog outputs (one ±10 V dc, one 0-10 V dc)
- FAULT output
- High and Low limits
- Analog output ±10 V dc for centerline deviation
- RS-232 Interface
- Enhanced video processing (*Clear Film units only*)

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