SCANMEG

Type Ultra S

High speed single-point laser

- **Visible laser point**
- **Watertight casing**
- **Adjustable field of view**
- **Universal mounting bracket**
- **Serial link RS-232 and PNP output**
- **Opto-isolated analog 4-20 ma output**
- **Digital display of measured distance**

Model
Ultra S
Ultra SII

Model
Ultra S
Ultra SII

Maximum accuracy
0.001 in.   0.025 mm

Power supply
12 to 24 Volts DC

Operating Temperature
Min.:   14°F   -10°C
Max.: 120°F   50°C

Maximum consumption
220 mA

Field of view
24 po.   610 mm (S)
10 po.   254 mm (SII)

Scan Rate
(scans/sec.)
300, 600, 1200

Output interface
Analog 4-20 ma
Serial link RS-232
PNP output

The Ultra S and Ultra SII are high speed single-point measuring devices. These scanners measure the position of an object in space with precision and flexibility. A digital display shows the actual ouput reading. The Ultra S and SII works at 300, 600 or 1200 scans per second. This scanner allows data acquisition to be independent of any kind of background. One can measure an object over a conveyor belt, a chain or any mechanical structure. Set the Ultra S and SII in learn mode and the background disappears like magic.   A unique analog 4-20 mA output makes these single-point lasers the most user-friendly interface to a PLC on the market.

Ultra S and Ultra SII Model

The Ultra S and SII model offer the best accuracy in this product line.   The Ultra S has a field of view of 24 inches and the Ultra SII has a field of view of 10 inches. Accuracy can be as high as 0.025 mm (0.001 in) and is ideally suited for applications where very high precision is necessary. Built-in digital display (4 digits) shows the measured value and makes visual verification of the scanner's working condition quite simple.

- Digital display of readings
- Output mode: Direct, Median or Average (adjustable)
- Simple connection with a programmable logic controller (PLC)
- Compatible with GAGE and C-LINK modules

C-LINK Module

With the C-LINK module one integrates several laser point devices in a single system. A maximum mix of 10 laser point devices, type BBS, UltraS, SE or S, can be connected to this module. An Ethernet link gives fast access to the laser point devices connected to the module.

GAGE Module

The GAGE measuring system is a Thickness, Width or Length GAGE measuring device. Use any 2 single point-laser sensors in our program, connect them to the GAGE module, perform a simple, single-button calibration and you are now up and running, getting thickness, width or length data through a serial link or an analog a 4-20 mA output.

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