ScanMeg

Type CV

0.025 in. Accuracy 0.5 mm

Multiple laser lines full-profile scanner

- **Smallest laser line spacing in the industry**
- **Up to 120 scans/sec.**
- **Dedicated laser power supply**
- **Visible laser lines**
- **Memorizes and sends data on request**
- **TCP/IP protocol via simple function (DLL)**
- **DLL compatible with: C++ VB6 VB.net**

Model
CV6 CV8
CV10 CV12

The CV Type is a multiple laser lines full-profile scanner. It is the perfect device for measuring three-dimensional shape of an object by triangulation. By projecting 6, 8, 10 or 12 laser lines on an object, Type CV cameras measure exact polar coordinates of the intersections of the laser lines and the object. This completely self-contained unit accumulates the entire data shape of an object without outside intervention. When ready, just send in a request and get all accumulated data needed for your optimization process.

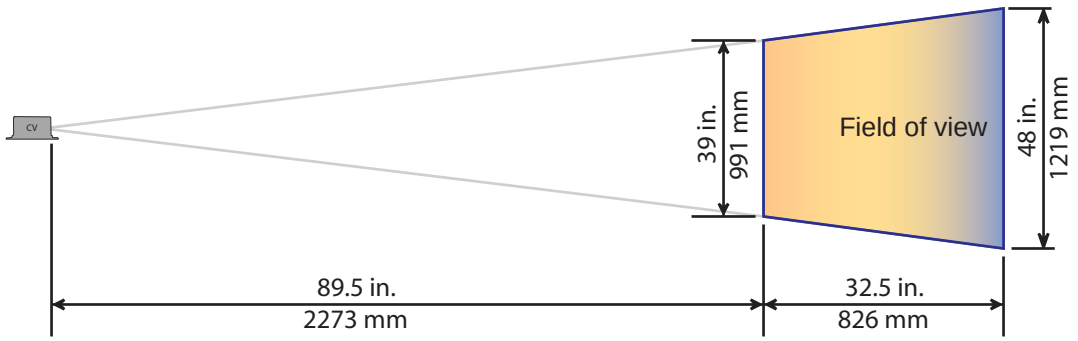
CV6 Model

This model has 6 laser lines per scanner head. It offers a very attractive quality/price ratio getting full-profile of an object while moving forward by only 25 cm (10 in.). All features are identical to the CV12 scanner even though it has less laser lines (2X).

CV8, CV10 and CV12 Model

These models have 8,10 or 12 laser lines per scanner head, laser line spacing is only 12,5 cm (5 in.) smallest in the industry. With such a small spacing, SnapScan is possible and snapshot profile are easily used with great results. If full-profile is needed; the scanner is synchronized with an encoder and accumulates profile data in its memory. With a simple TCP/IP request one recuperates the full-profile stored data .

CV12-B Field of view (max 120 scans/sec.)



Model
CV6 CV8
CV10 CV12

Length
CV6: 1350 mm
CV8: 980 mm
CV10: 1230 mm
CV12: 1480 mm

Power supply
12 to 24 Volts DC

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

Maximum consumption
CV6: 510 mA (24V)
CV8: 570 mA (24V)
CV10: 620 mA (24V)
CV12: 690 mA (24V)

Output interface
Ethernet
(TCP/IP)

DEC-S4 Module

The DEC-S4 module is used with this scanner to divide or multiply an encoder signal to obtain an ideal pulse speed for a given application environment. Also this module multiplexes an encoder signal into 4 separate outputs with different or identical voltage to be used simultaneously by several controllers.

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3517 Boul. Grande Allee,
Boisbriand, QC
Canada, J7H 1H5
Tel.: (450) 419-4555
Fax: (450) 419-4542
Email: sales@scanmeg.com
Web: www.scanmeg.com

The Ultimate Sensor Company

North America
(Western Representative)
John Wilby
10972 Swan Crescent
Surrey, BC, V3R 5B6
Tel.: 604-582-2157
Fax: 604-582-2105
Cell.: 604-290-6595
Email: jwilby@scanmeg.com

Europe
82 Route de Séchex
F-74200 ANTHY-SUR-LEMAN
France
Tel. / Fax: +33 (0)4 50 17 25 33
Cell: +33 (0)6 31 54 38 06
Email: europe@scanmeg.com

Japan
532 Ohyanagi Minami Shimada-City
Shizuoka-Prefecture
Japan, 427-0102
Tel.: +81-547-38-3211
Fax: +81-547-38-2122
Email: info@hirotacorp.jp