

# SCANMEG

## Type TS4



### True-Shape scanner

- **Fast Ethernet**
- **Visible laser line**
- **Up to 800 scans/sec. (optional)**
- **Dedicated laser power supply**
- **Memorizes and sends data on request**
- **TCP/IP protocol via simple function (DLL)**
- **DLL compatible with: C++ VB6 VB.net**

Model  
TS4-A  
TS4-B  
TS4-C

0.1 mm

Accuracy

0.005 in.

The True-Shape scanner is a compact, fast, rugged laser line-scanner. It is the perfect device for measuring three-dimensional shape of an object. We project a laser line onto an object and through triangulation a camera measures the exact polar coordinates of the intersection of the line 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 the accumulated data needed for your optimization process.

Model

- TS4-A
- TS4-B
- TS4-C

Length

- TS4-A  
20.9 in. 531 mm
- TS4-B  
14.8 in. 375 mm
- TS4-C  
33.7 in. 856 mm

Power supply

12 to 24 Volts DC

Operating Temperature

- Min.: 14°F -10°C
- Max.: 120°F 50°C

Accuracy

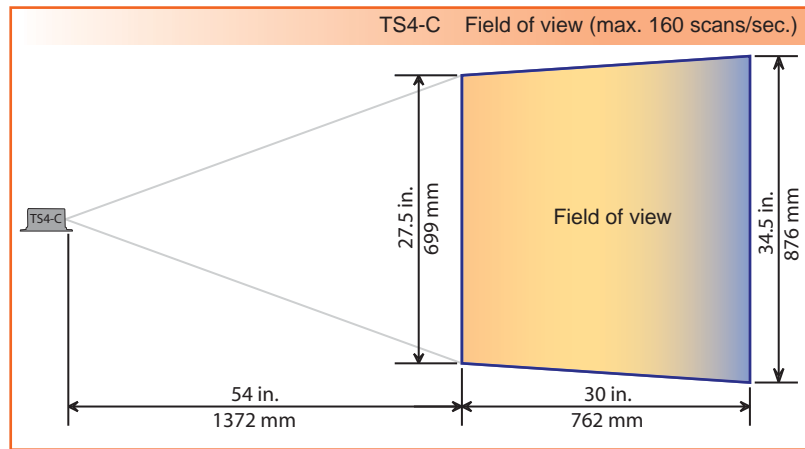
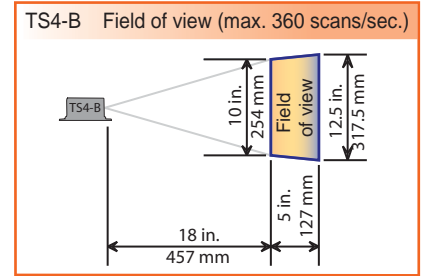
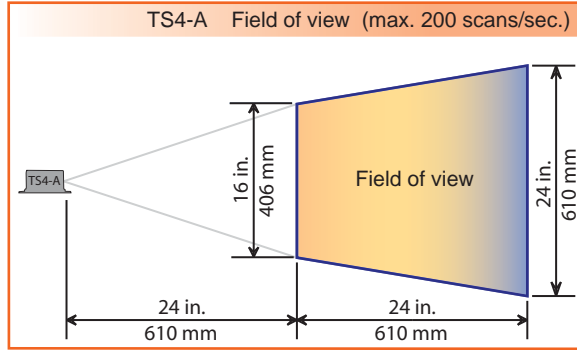
- TS4-A  
0.010 in. 0.2 mm
- TS4-B  
0.005 in. 0.1 mm
- TS4-C  
0.025 in. 0.5 mm

Consumption

350 mA

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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