

Linetrac Pro

PRODUCT SPECIFICATION & DATA SHEET

Linetrac Pro Barcode Reader

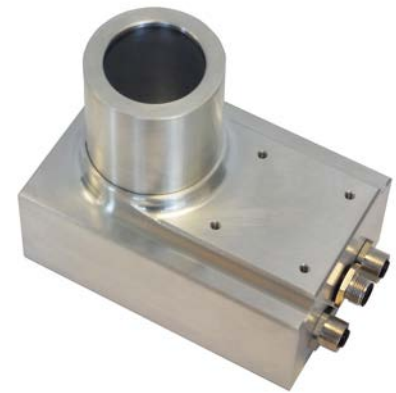
The Linetrac Pro was specifically designed to read 2D DataMatrix barcodes on the production line. Its high-speed camera and ability to decode a frame in a few milliseconds allows it keep up with the fastest of lines. Any C-Mount lens can be used, enabling codes as small as 1mm² to be read from 10cm away, to larger codes at a distance of 10 meters or more.

Each plug and play device can be configured and monitored remotely via an intuitive web interface in any browser, with no need to install any software on the PC.

The barcode data and other optional device telemetry can be sent to an OPC server and/or directly to a PLC simultaneously via a variety of protocols including Modbus TCP and Mitsubishi MC Protocol.

Linetrac Pro readers offer the ability to be connected to two separate networks; this allows for a setup where the device can export data on the restricted network of the production line, yet can still be configured and monitored by engineers on the general-purpose network.

The Linetrac Pro is CNC milled from a single block of Aluminum, making it extremely rugged. The protective lens cover comes as standard. It is easily removed to allow for the adjustment of the lens in situ. Sealed industry standard M12 connectors are used for both power and Ethernet.



Key Features

Fast & Versatile

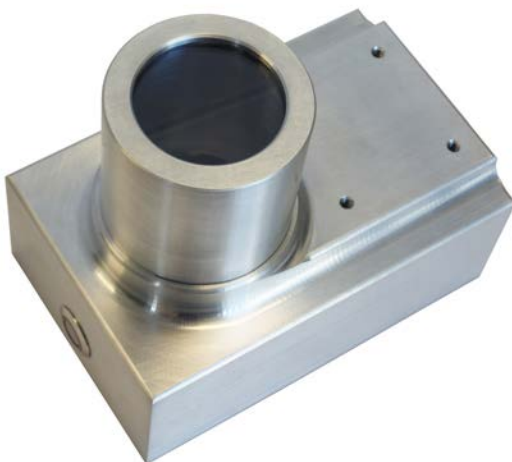
- Frames from the high-speed camera take only milliseconds to decode
- Any C-Mount lens can be used
- Reads codes as small as 1mm²
- Can read codes at distances of 10cm to 10m or more

Easy to Integrate

- Plug and Play
- Web interface to configure and monitor remotely
- Send data to OPC server and/or PLC simultaneously

Rugged Build Quality

- CNC milled from a single block of Aluminium
- Sealed M12 Industrial Connectors
- Removeable lens protector



Linetrac Pro

Our Team has been designing and manufacturing high performance 2D Data Matrix Barcode readers since 2003. The Linetrac Pro was initially developed for use by Nissan at their Sunderland plant, where it is used to track car bodies as they progress through their paint shop.

All of the development is done in-house, making us extremely flexible and receptive to working with our customers to meet specific requirements.

With this product, we aim to provide a cost effective and easy to integrate solution that can be used in any industrial application where 2D DataMatrix codes are required to be read.

Specifications	
Dimensions (L x W x H)	L 85mm W 130mm H 50mm H(MP57mm) H(LP115mm)
Weight	1.15KG / 2.53 lbs.
IP Rating	TBC
Power Requirements	2000mA 5V
Connection	M12 4-Pin D-Coded Ethernet Female & M12 5-Pin Power connector Male
Export Options	OPC Server via Modbus TCP PLCs via various proprietary protocols (e.g. Misubishi Melsec)
Supported Barcode Types	2D Data Matrix ECC 200
Supported Barcode Styles	Any 2D ECC200 barcode format
Computer Requirements	Web Browser
Connection Methods	M12 4-Pin & 5-Pin
Construction Material	Marine Grade Aluminum 5052. Salt and water corrosion resistant.

Purchasing Information		
Part. No.	Description	Qty
SSLTPRO-REVA	Linetrac Pro Barcode Scanner	1 each

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