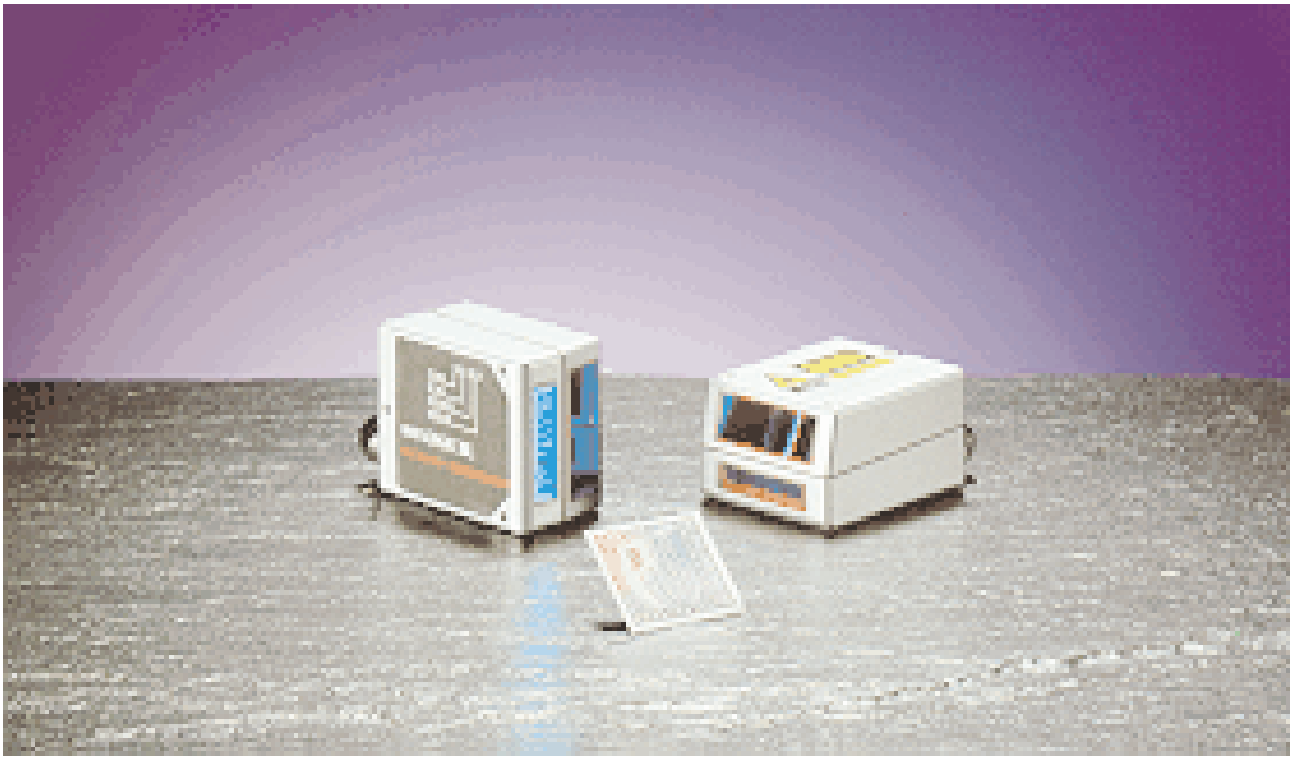


DS2200

Ultra Compact Laser Scanner

Features

- ***Ultra compact dimensions 50 x 40 x 28 mm (1.97 x 1.57 x 1.10 in)***
- ***Lightweight 150 g (5.29 oz)***
- ***New generation built-in real time RISC decoder***
- ***Scanning speed of 500 scans/sec***
- Dual serial interface
- 4 status LEDs
- Easy set up through **WINHOST**™
- IP65 rugged industrial housing

Applications

- Automatic machines
- Chemical and biomedical analyzers
- Document handling machines
- Printing verification
- Film processing machines
- Packaging machines

General Description

Ultra compact dimensions, high performance, versatile connectivity and programmability make the **DS2200** the ideal component for OEM and other applications where integration capability and high reliability are essential, and where cost effectiveness is a key element.

Datalogic's advanced technology and experience in miniaturized laser components have allowed the development of the most compact industrial laser scanner on the market, without compromising reading performance and industrial quality standards.

The **DS2200**'s high scanning speed and optical quality together with the new generation real time decoder and flexible decoding software, provide high decoding performance and reliability, even of damaged or poorly printed bar codes, for the most popular bar code symbologies.

Integration into automated equipment is extremely easy thanks to the **DS2200**'s miniature dimensions and its light weight. The dual serial interface increases the device's versatility and connectivity, allowing multi-point scanning configurations through Master-Slave or Multiplexer connections. User friendly set-up procedures are performed through the easy and intuitive **WINHOST**™ software.

DS2200 represents Datalogic's response to the high technology needs of OEMs looking for extremely compact and cost effective components to integrate into their automatic equipment. Thanks to Datalogic's recognized high quality standards, system manufacturers can be confident that the scanners installed in their machines will improve overall system performance and reliability.

Models and Accessories

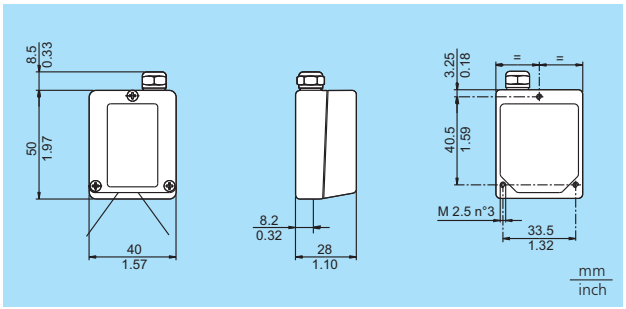
MODEL	DESCRIPTION	ORDER NO.
DS2200-1100	Standard resolution, linear, RS485+RS232, 5 VDC	930161000
DS2200-1110	Standard resolution, raster, RS485+RS232, 5 VDC	930161030
DS2200-2100*	High resolution, linear, RS485+RS232, 5 VDC	930161040
DS2200-2110*	High resolution, raster, RS485+RS232, 5 VDC	930161050
ACCESSORIES		
DC5-2200	DC converter 4-30 VDC to 5 VDC	93ACC1040

**Available soon*

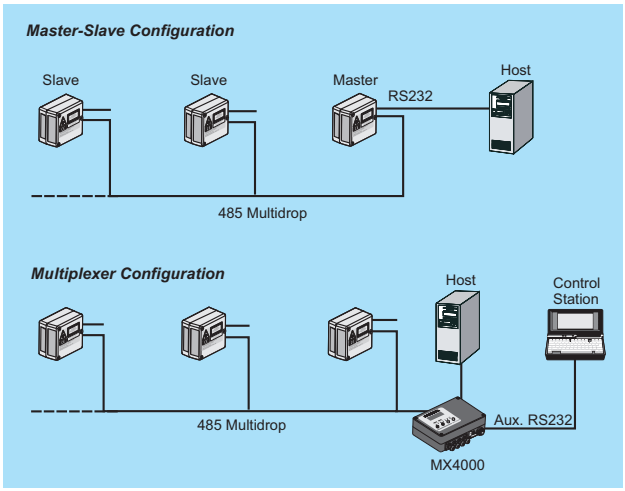
Specifications

POWER SUPPLY	5 VDC ±5% (4 to 30 VDC with converter)
POWER CONSUMPTION	2 W
LIGHT SOURCE	Visible laser diode (650 nm)
MAX. RESOLUTION	0.15 mm (6 mils) for 1XXX models
SCANNING SPEED	500 scans/sec
MAX. READING DISTANCE	220 mm (8.7 in)
MAX. DEPTH OF FIELD	170 mm (6.7 in)
APERTURE ANGLE	52 degrees
RASTER APERTURE	15 mm (0.6 in) at 220 mm (8.7 in) for XX1X models
READABLE CODES	Code 2/5, Code 39, Code 93, Code 128, EAN/UPC, EAN128, Codabar, Pharmacode
MULTILABEL READING	Up to 6 different codes in the same presence sensor phase
COMMUNICATION INTERFACE	Dual serial interface (RS232+RS485 half duplex)
BAUD RATE	Up to 115.2 Kbauds
INPUT SIGNALS	One external trigger digital input
OUTPUT SIGNALS	Two programmable digital outputs
PROGRAMMING METHOD	Via serial port (WINHOST™)
OPERATING MODES	'On line', 'Serial On-line', 'Automatic', 'Test,' 'Verifier'
LED INDICATORS	'Power On', 'External Trigger', 'Good Read', 'TX Data'
LASER CLASSIFICATION	IEC 825 Class 2
LASER CONTROL	Security system to turn laser off in case of motor slow down or failure
DIMENSIONS	50 x 40 x 28 mm (1.97 x 1.57 x 1.10 in)
WEIGHT (without cable)	150 g (5.29 oz)
CASE MATERIAL	Die-cast zinc
OPERATING TEMPERATURE	0 to 40 °C (32 to 104 °F)
STORAGE TEMPERATURE	-20 to 70 °C (-4 to 158 °F)
HUMIDITY	90% non condensing
VIBRATION RESISTANCE	IEC 68-2-6 test FC 1.5 mm; 10 to 55 Hz; 2 hours on each axis
SHOCK RESISTANCE	IEC 68-2-27 test EA 30 G; 11 ms; 3 shocks on each axis
PROTECTION CLASS	IP65

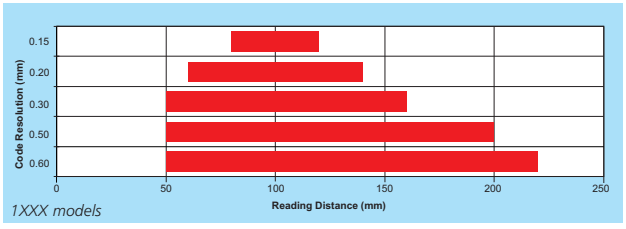
Dimensions



Connections



Reading Diagram



DATALOGIC
Bar Code & More

We reserve the right to make modifications and improvements

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