DATALOGIC MATRIX 120 IMAGER

MATRIX120210100
937800006, Ultra-compact, WVGA, SER+USB, 1D only

- WVGA or 1.2 MP resolution
- Detects 1D and 2D code types
- Up to 57 fps
- Integrated communication via RS-232/RS-422/USB 2.0 high speed, Ethernet 10/100: Ethernet, Profinet I/O



PRODUCT DESCRIPTION

The Matrix 120™ from Datalogic is the smallest ultra-compact industrial imager on the market, that can fit into any integration space, with embedded ethernet connectivity option.
Available in different models, a WVGA sensor is for standard applications, or the 1.2MP sensor for high resolution bar codes. A wide angle version is what makes the Matrix120™ the perfect solution for proximity reading, characterized with top industrial grade parts providing IP 65 protection. ESD safe models are perfect for applications in the electric industry, featuring a glass free reading window which is ideal for the food and beverage industry.
The Matrix 120™ leads the market in customer ease of use because of DL.CODE™ configuration software, X-Press™ button and intuitive HMI.

Ideal for applications where small dimensions, simple integration and performance are key drivers:

- Chemical/Biomedical industry
- Print & Apply applications
- Entry level applications in the Factory Automation area
- Electronics
- Packaging
- Food/Beverage

SPECIFICATIONS

Cable length	1000
Connection	SER+USB
Digital Inputs	2

Digital Outputs	2
Dimension (mm)	45.4 x 31.1 x 23.5
Distance Max	190
Distance Min	25
Frame Rate Max	57
Integrated Communication Interface	RS-232/RS-422/USB 2.0 high speed (USB-CDC, USB-HID)
IP Class	IP65
Multi Label Reading	Yes
Power Consumption	2.4
Programming Options	DL.CODE, Serial Host Mode programming, X-PRESS Human Machine Interface
Shutter type	Global
Supply voltage	5 - 30 V DC
Temperature range bearing, from	-20
Temperature range bearing, to	70
Temperature range from	0
Temperature range to	45
Weight	117

