

Specifications

DataMan 500

	DataMan 500X	DataMan 500QL
1D Codes ¹	Yes	Yes
2D Codes ²	Yes	No
Composite Symbology ³	Yes	Yes
Image Sensor	1024 x 768 global shutter	1024 x 768 global shutter
Acquisition	Max 1000 fps	Max 1000 fps
Decode Rate	Max 90/sec	Max 90/sec
Lens Type	CS-mount	CS-mount
Auto Focus	Optional Liquid Lens	Optional Liquid Lens
Trigger	Manual; External: Single, Burst & Continuous; Internal: Self & Presentation	Manual; External: Single, Burst & Continuous; Internal: Self & Presentation
Aimer	Dual Laser (CDRH/IEC Class II)	Dual Laser (CDRH/IEC Class II)
Discrete Inputs	4 Opto-isolated	4 Opto-isolated
Discrete Outputs	4 Opto-isolated	4 Opto-isolated
Status Outputs	Beeper and 5 multifunctional LEDs	Beeper and 5 multifunctional LEDs
Lighting	Integrated bright field	Integrated bright field
Communications	Ethernet and RS-232	Ethernet and RS-232
Power	36VDC to 57VDC(PoE)	36VDC to 57VDC(PoE)
Power Consumption ⁴	270 mA @ 48 VDC	270 mA @ 48 VDC
Material	Aluminum housing	Aluminum housing
Weight	350 grams	350 grams
Dimensions	106mm x 70mm x 52mm	106mm x 70mm x 52mm
Operating Temperature	0°C to 40°C (32°F to 104°F)	0°C to 40°C (32°F to 104°F)
Storage Temperature	-10°C to 60°C (14°F to 140°F)	-10°C to 60°C (14°F to 140°F)
Operating and Storage Humidity	0% to 95%, non-condensing	0% to 95%, non-condensing
Protection	IP65	IP65
RoHS Certified	Yes	Yes
Approvals	CE, FCC, and C-Tick (UL and KCC pending)	CE, FCC, and C-Tick (UL and KCC pending)
Operating System	Windows [®] 7 and Windows XP [®]	Windows [®] 7 and Windows XP [®]

Notes:

- 1) UPC/EAN/JAN, Codabar, Interleaved 2 of 5, Code 39, Code 128, and Code 93, PostNet, Planet Code, Australia 4-State, Japan 4-State, UPU 4- State, Intelligent Mail Bar Code, Pharma Code, GS1 DataBar
- 2) Data Matrix, QR Code and microQR Code
- 3) (CC-A, CC-B), PDF417, MicroPDF
- 4) Class 3 PoE supply required



DataMan 500

The DataMan 500 combines the benefits of image-based readers with the ease-of-use of today's laser scanners and includes the following features:

High read rates

- Image acquisition rates of up to 1,000 frames/second
- Read the 1D and 2D barcodes that laser scanners cannot with IDMax® code reading technology

User visualization

- See what the reader sees
- Review live images now or later with automatic FTP image transfer
- Easily diagnose "no-reads" allowing for quick corrections on the line

Reliability

- No moving parts, providing a longer product life!

