

SMART CODE READER

AMID2x Series



INTRODUCTION

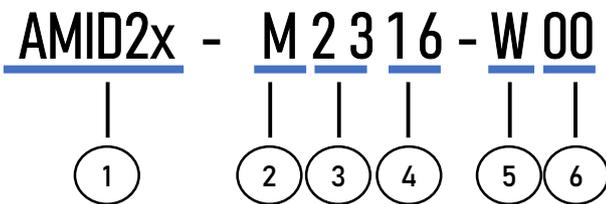
AMID2x Series, smart code adopts high-robustness to accurately identify difficult codes. Integrated digital WDR and combine 4-Channel Light for enhancing code clarity. Improved reading speed up to 80 codes/sec. Comes with auto-focus lens allowing one-click setup.

Program can be configured via IDMVS Client Software. It can also communicate with most industrial protocol such as Serial, TCP, FTP, HTTP, Modbus, or UDP.

Compact design with embedded hardware, built-in light source, and multiple I/O interface, and LED aiming light.

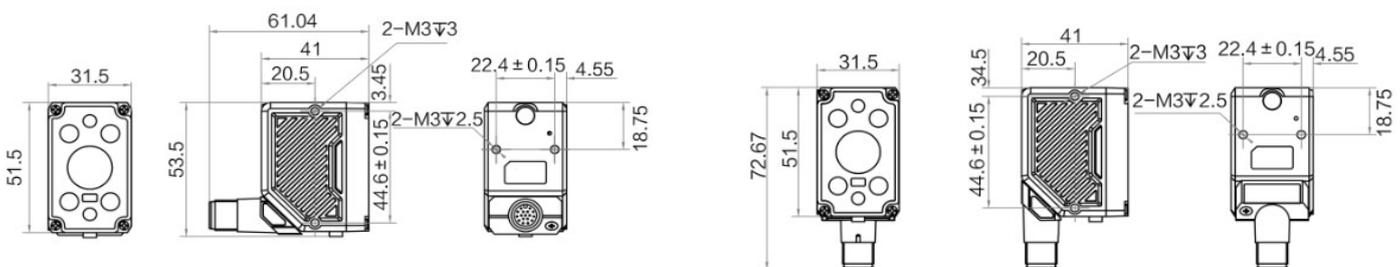


AVAILABLE MODELS



1	PRODUCT SERIES	AMID2X = AMID2X Smart Code Reader Series
2	Manual / Mechanic Lens	M = Mechanical Lens
3	SENSOR RESOLUTION	23 = 2.3MP
4	LENS FOCAL LENGTH	05mm, 08mm, 12mm, 25mm
5	BUILT-IN LED LIGHT	R = Red LED
6	REMARK	00 = General Model

DIMENSION



SPECIFICATION

Performance	
Symbologies	1D Codes: Code 39, Code 93, Code 128 (GS1-128 included), CodaBar, EAN 8, EAN 13, UPCA, UPCE ITF 14, ITF 25, Matrix 25, MSI, China Post, Code 11, Industrial 2of5, and Pharmacode
	2D Codes: QR Code (GS1-QR included), Data Matrix (GS1-DM included), MicroQR, AZTEC, HanXin
	Stacked codes: PDF417
Max Reading Speed	80 codes/sec
Communication protocol	SmartSDK, TCP Client, TCP Server, Serial, FTP, Profinet, Ethernet/IP, MELSEC/SLMP, Modbus, Fins, UDP
Sensor Characteristic	
Sensor type	CMOS, Global shutter
Pixel size	2.2 μm x 2.2 μm
Sensor size	1/3.52"
Resolution	1,920 x 1,280 pixels
Max frame rate	60 fps
Gain	0 dB to 48 dB
Exposure time	36 μs to 100 ms
Electrical Information	
Data interface	17-pin, M12 connector for Power, Ethernet, Digital I/O, and Serial Port
Ethernet	Fast Ethernet
Digital I/O	Bi-directional non-isolated I/O x 2 (Line 0/1), Non-isolated input x 1 (Line 2), Non-isolated output x 1 (Line 3), RS-232 x 1 Button trigger supported.
Power requirement	24 VDC
Power consumption	12W @ 24VDC (Light source enable)
Mechanical Information	
Lens Mount	M12-mount, mechanical focus supported
Focal Length	5mm / 8mm / 12mm / 16mm
Lens cap	Transparent cap. Polarized or Infrared filter cap is optional
Light source	White LED. Red / Blue / NIR is optional
Indicator	Power indicator (PWR), network indicator (LNK), status indicator (STS), result indicator (OK/NG)
Dimension	72.7mm x 31.5mm x 41mm (2.9" x 1.2" x 1.6")
Weight	Approx 118 g.
Ingress Protection	IP65
Temperature	Working Temp: 0 °C to 50 °C Storage Temp: -30 °C to 70 °C
Humidity	20% to 95% RH, non-condensing
Others	
Client software	IDMVS
Certification	CE, KC, RoHS

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