



# DATAMAN **HANDHELD** BARCODE READERS

DataMan handheld barcode readers provide best-in-class performance for direct part mark (DPM) and label-based applications, where ruggedness and speed are critical to success.

## DataMan 8050 Series

DataMan 8050 reads well-marked 1D and 2D codes with incredible speed every time, and is designed to handle the harshest environments.

## DataMan 8600 Series

DataMan 8600 provides the world's most advanced barcode reading technology for decoding DPM, 2D and 1D codes of varying sizes, quality and marking or printing methods. Integrated liquid lens technology maximizes application and depth-of-field flexibility. Patented UltraLight® technology provides superior image formation on any mark type and surface.



# HANDHELD READER SPECIFICATIONS

	8050	8050X/HD/HDX	8600/8600HDX
1D Codes and Stacked Codes	•	•	•
2D Codes	•	•	•
Algorithms/Technologies	1DMax, Hotbars, IDQuick	1DMax, Hotbars, 2DMax, IDQuick	1DMax, Hotbars, 2DMax, PowerGrid, IDQuick
Image Resolution	752 x 480		1280 x 1024
Lens Type	Fixed focus		Variable focus liquid lens
Trigger	Manual trigger, presentation		
Aimer	LED		Laser, Class 1 and 2
Status Outputs	LED and beeper		LED, beeper and vibration
Lighting	Integrated red LED		UltraLight integrated bright field, dark field and diffuse illumination
Communications	RS-232, USB, Ethernet with industrial protocols Wi-Fi and Bluetooth base station options		
Power	5–6 VDC		
Material	Polycarbonate housing with overmold		
Power Consumption	2.5 W		5.0 W
Weight	279 g		326 g
Dimensions	210 mm x 155 mm x 85 mm		220 mm x 155 mm x 85 mm
Operating Temperature	0 °C–40 °C		
Storage Temperature	-40 °C–60 °C		
Operating/Storage Humidity	0% to 95%, non-condensing		
Protection	IP65		
DoD UID Data Validation	Yes		
RoHS Certified	Yes		
Approvals (CE, UL, FCC)	Yes		
ESD Standards Compliance	None	IEC 61340-5-1:2016 available in select models	None
Operating System	Microsoft Windows 7 and 10		

## SCAN CHART

Model	Code Type	Depth of Field
8050/8050X	7 mil 2D	Up to 40 mm
	10 mil 2D	Up to 80 mm
	6 mil 1D	Up to 90 mm
8050HD/8050HDX	4 mil 2D	Up to 55 mm
	5 mil 2D	Up to 75 mm
	10 mil 2D	56–132 mm
8600	15 mil 2D	56–202 mm
	10 mil 1D	56–265 mm
	3 mil 1D	5–150 mm
8600HDX	2 mil 2D	5–35 mm
	3 mil 2D	5–80 mm

