

HANDHELD READER SPECIFICATIONS

	8050	8050X	8600
1-D and Stacked Codes	Yes		
2-D Codes	Yes		
Decoding Algorithm	IDQuick/ 1DMax/Hotbars	2DMax/ 1DMax/Hotbars	2DMax/ 1DMax/Hotbars
Image Resolution	752 x 480 global shutter		1280 x 1024 global shutter
Lens Type	Fixed focus		Variable focus liquid lens (0 to over 500mm depending on code element size)
Trigger	Handle trigger, presentation		
Aimer	Centralized LED aimer		Laser aimer, Class 1 and Class 2
Status Outputs	LED, beeper		LED, beeper and vibration
Lighting	Integrated LED with near/far optics		UltraLight integrated bright field, dark field, diffuse illumination
Communications	Serial Module: RS-232, USB Ethernet Module: TCP/IP,FTP, Industrial Protocols: EtherNet/IP, PROFINET, SLMP, Modbus TCP Intelligent Base Station: RS-232, USB, Ethernet, Industrial Protocols Bluetooth module communicates to intelligent Bluetooth base station Wi-Fi module communicates to intelligent Wi-Fi base station		
Wireless Option	Yes		
Power	Serial/USB: 5V – 6V DC, 2.5W maximum LPS or NEC Class 2 power supply Ethernet: PoE Class 2 power supply Cordless: 3.7V, 3100 mAh Li-ion battery Intelligent Base Station: 24V, 13W maximum LPS or NEC Class 2 power supply		Serial/USB: 5V – 6V DC, 5.0W maximum LPS or NEC Class 2 power supply Ethernet: PoE Class 2 power supply Cordless: 3.7V, 3100 mAh Li-ion battery Intelligent Base Station: 24V, 13W maximum LPS or NEC Class 2 power supply
Material	Polycarbonate housing with overmold		
Weight	279g		326g
Dimensions	210mm x 155mm x 85mm		220mm x 155mm x 85mm
Operating Temperature	0°C to 40°C (32°F to 104°F)		
Storage Temperature	-40°C to 60°C (-40°F to 140°F)		
Operating and Storage Humidity	0% to 95%, non-condensing		
DoD UID Data Validation	Yes		
RoHS Certified	Yes		
Approvals (CE, UL, FCC)	Yes		
Operating System	Microsoft® Windows® XP and Windows 7 and Windows 8 32 bit and 64 bit		



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