



HR-X500

Rugged Industrial Handheld Code Reader DPM model



*Please note that accessories depicted in the image are for illustrative purposes only and may not be included with the product.

Specifications

Model		HR-X500	
Type		DPM model	
Wireless/wired		Wired	
Receiver	Number of pixels	1920×1200 × 2 cameras 2.3 megapixels × 2 cameras	
	Sensor	CMOS image sensor	
Light emitter	Light source	White LED	
	LED risk group	Risk group 2 (IEC 62471)	
	Aimer light source	Laser (red), Wavelength: 650 nm; LED (green)	
	Laser class	Class 1 (IEC 60825-1)	
Distance sensor		Time-of-flight (TOF) sensor	
Reading specifications	Supported symbols	2D codes	QR, Micro QR, DataMatrix (ECC200), DMRE, GS1 DataMatrix, PDF417, Micro PDF417, GS1 Composite (CC-A, CC-B, CC-C), DotCode, Maxi Code, Aztec Code
		Barcodes	CODE39, ITF, 2of5 (Industrial 2of5), COOP 2of5, NW-7 (Codabar), CODE128, GS1-128, GS1 DataBar, CODE93, JAN/EAN/UPC, Trioptic CODE39, CODE39 Full ASCII, Pharmacode, Postal (Japan Postal, IMB)
	Minimum resolution	2D codes	0.040 mm 0.002"
		Barcodes	
	Reading distance (reference value)	DataMatrix (Module size: 0.25 mm 0.01")	10 to 150 mm 0.39" to 5.91"
		DataMatrix (Module size: 0.50 mm 0.02")	10 to 250 mm 0.39" to 9.84"
CODE39 (NB: 0.25 mm 0.01")		10 to 300 mm 0.39" to 11.81"	
CODE39 (NB: 0.50 mm 0.02")		10 to 500 mm 0.39" to 19.69"	
Status display output/buttons		OLED + Buzzer + Vibration + Function button	
Communication	USB	Standard	USB 2.0 Full Speed
		Interface	USB-COM, USB keyboard, RNDIS
		Supported OS	Windows 11 Pro, Windows 10 Pro 32/64bit
	Bluetooth®	Standard	—
		Profile	
		Supported OS	Windows 11 Pro, Windows 10 Pro 32/64bit
Wireless LAN		—	
Continuous usage time (reference value)			
Charging time			
Charging method			
Dimensions		231.4 × 102.4 × 74.2 mm 9.11" × 4.03" × 2.92"	

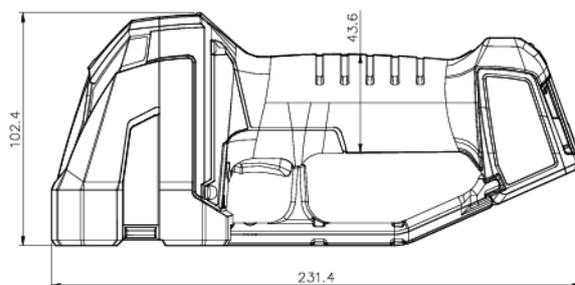
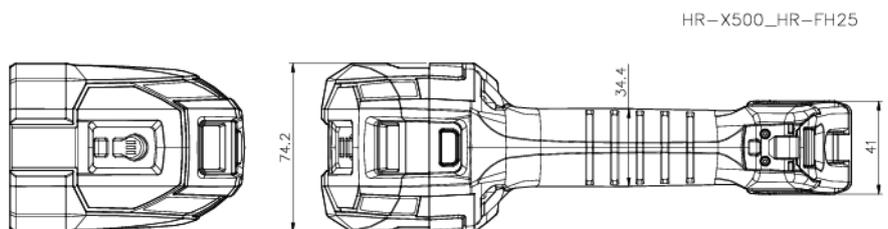
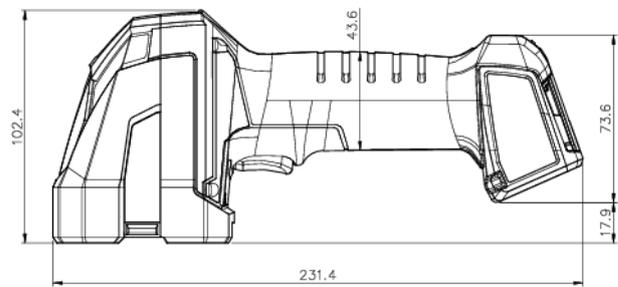
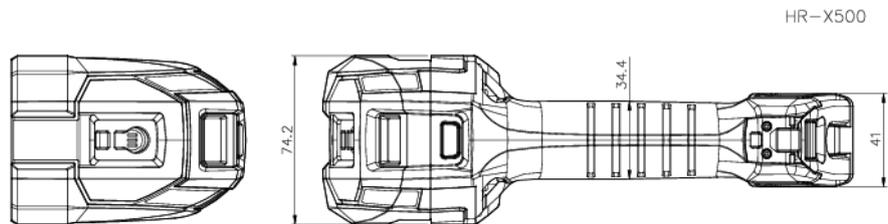
Rating	Power supply voltage	USB power supply	—
		AC adapter	12 V ±10%
	Current consumption	Max.	1500 mA
During standby		110 mA	
Environmental resistance	Enclosure rating		IP65/IP67 (IEC 60529)
	Ambient temperature		0 to +45°C 32 to 113°F
	Storage temperature		-20 to +60°C -4 to 140°F
	Charging temperature		0 to +40°C 32 to 104°F
	Relative humidity		Max. 95% RH (no condensation)
	Storage relative humidity		
	Oil resistance		IP67G/ISO 16750-1
	Chemical resistance		Supports sterilization with alcohol
	Static electricity resistance		Airborne: ±25 kV; Contact: ±10 kV; Indirect: ±10 kV*1
	Electrostatic charge prevention		—
	Drop resistance		Concrete, 2.5 m 8.2' *2
Repeated drops		30 cm 11.81" , 20,000 times*2	
Material		PC + TPU	
Weight		Approx. 440 g 15.53 oz (excluding cables)	

*1 Verify that no damage is caused.

*2 These are test values and are not guaranteed.

Dimensions

* Download CAD file or product manual for larger image/text and more detail.



HR-X500_HR-HL25

