

Handheld DPM Code Reader HS-360X series

Ordering Information

Type	Applicable countries	Model	
Handheld DPM Code Reader, Wired, HDS-3608	Common (except for India / Korea)	HDS-3608-0001	
Handheld DPM Code Reader, Wireless, HDS-3678		HDS-3678-0001	
Battery Spare for HS-360X Wireless Type		98-9000224-01	
Handheld DPM Code Reader, Wired, HDS-3608 INDIA / KOREA	India / Korea	HDS-3608-0002	
Handheld DPM Code Reader, Wireless, HDS-3678 INDIA / KOREA		HDS-3678-0002	
Battery Spare for HS-360X Wireless Type, INDIA / KOREA		98-9000224-02	
Cradle / Charger, HS-360X Wireless Type	Common	12-9000937-01	
Cable, USB, Shielded, 2m (Power Supply Required)		12-9000942-01	
Cable, USB, Shielded, 4.6m (Power Supply Required)		12-9000943-01	
Cable, USB, Shielded, 2m		12-9000946-01	
Cable, USB, Shielded, 4.6m		12-9000947-01	
Cable, RS-232, DB9 Socket, 2M, Straight, HS-360X (Power Supply Required)		12-9000953-01	
AC power Cord, 1.8m, JAPAN, C13 connector		Japan	12-9001046-01
AC power Cord, 1.9m, INDIA, C13 connector		India	12-9000963-01*
AC power Cord, 2.5m, US, C13 connector		United States	12-9000959-01
AC power Cord, 2.5m, EU / Korea, C13 connector		Europe / Korea	12-9000960-01
AC power Cord, 2.5m, UK, C13 connector	UK	12-9000961-01	
AC power Cord, 2.5m, CHINA, C13 connector	China	12-9000962-01	
KIT, Power Supply for Cradle / Charger, HS-360X Wireless Type (A / C Power Cord Required)	Common	98-9000181-01	
KIT, Power Supply for Battery Charger, 4 Slot, HS-360X Wireless Type (A / C Power Cord Required)		98-9000182-01	
4 Slot, Battery Charger, HS-360X Wireless Type (Power Supply Required)		98-9000185-01	
Intelligent Stand		98-9000186-01	

Note: Do not use the power supplies or power supply cords indicated in this catalog with any other electric or electronic equipment.
When using the HS-360X Series, please use the power supply and power supply cord indicated in this catalog.

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Ratings and Specifications

Applicable codes	1D	UPC / EAN, UPC / EAN with supplementals, Bookland, EAN, ISSN, UCC Coupon Extended Code, Code 128, GS1-128, ISBT 128, ISBT Concatenation, Code 39, Code 39 Full ASCII, Trioptic Code 39, Code 32, Code 93, Code 11, Interleaved 2 of 5, Discrete 2 of 5, Codabar, MSI, Chinese 2 of 5, Matrix 2 of 5, Korean 3 of 5, GS1 DataBar variants
	2D	PDF417, MicroPDF417, Composite Codes, TLC-39, Data Matrix, QR Code, MicroQR, Aztec, Han Xin, GS1-QR, GS1-DM
	Postal	US Postnet, US Planet, UK Postal, Japan Post, Australia Post, Royal Mail 4 State Customer, UPU 4 State Postal FICS (Post US4), USPS 4 State Postal (Post US3)
Reading performance	Field of view (Horizontal x Vertical) nominal	31° (H) × 23° (V)
	Roll	0 to 360°
	Pitch	±60°
	Skew	±60°
	Scans per charge	Up to 100,000
	Minimum resolution	Code 39: 0.0762 mm PDF417: 0.1016 mm DataMatrix: 0.1016 mm
Interface		USB, RS-232 The code reader supports the following protocols over USB: HID Keyboard (default mode), SNAPI, COM Port Emulation, USB CDC
Power		5 VDC + / - 10% @ 360 mA (RMS typical)
Light source		Aiming pattern: Class 2 Laser 655nm Illumination: Exempt Risk Group, Warm white LED, Red 634nm LED
Environmental specifications	Ambient temperature range	Wireless code reader Operating: -20 to +50°C, Storage: -40 to +70°C Wired code reader Operating: -30 to +50°C, Storage: -40 to +70°C
	Ambient humidity range	5%RH to 95%RH (with no icing or condensation),
	Drop specifications	Withstands multiple 8 ft. / 2.4 m drops to concrete at room temperature.
	Degree of protection	IP65 and IP67
	ESD	20 kV air discharge: 10 kV contact discharge
Ambient light immunity		0 to 10,037 foot-candles / 0 to 108,000 Lux (direct sunlight)
Weight		Wireless code reader: Approx. 402 g (with Battery) Wired code reader: Approx. 304 g (without Cable)
Dimensions		Wireless code reader: 185 mm (H) × 143 mm (D) × 77 mm (W) Wired code reader: 185 mm (H) × 132 mm (D) × 77 mm (W)

Cradle

Power requirements for host-powered	5.0V ± 10%
Power requirements for external power supply	12.0V ± 5%
Typical current draw when not charging	80mA @ 5V; 30mA @ 12V
Typical current draw in safe charging mode	1200mA @ 5V (BC 1.2), 475mA (non-BC1.2); 700mA @ 12V
Typical current draw in safe charging mode	400mA @ 5V; 200mA @ 12V
Interfaces	USB, RS-232
Radio	Bluetooth, Up to 100 meters / 300 ft. in open air range / environment Serial Port & HID Profiles 2.402 to 2.480 GHz Adaptive Frequency Hopping (co-existence with 802.11 wireless networks) 3Mbit / s (2.1Mbit / s) for Classic Bluetooth 1Mbit / s (0.27Mbit / s) for Low Energy
Ambient temperature range	Operating : -20 to 50°C, Storage : -40 to 70°C
Charging temperature	0 to 40°C nominal, 5 to 35°C ideal
Ambient humidity range	5%RH to 95%RH (non-condensing)
ESD	25 kV air discharge 10 kV contact discharge
Weight	Approx. 390 g
Dimensions	82.6 mm (H) x 229.4 mm (D) x 99.8 mm (W)
Safety standards	UL / EN / IEC 60950-1 + AM2
EMC	IEC61000-4-(2,3,4,5,6,11)
EMI	FCC Part 15 Class B, ICES-003 Class B Japan VCCI Class B