CITIZEN
Micro HumanTech

High capacity media rolls

The CMP printers can accept media rolls with a diameter of approximately two inches. In addition, the CMP-30L model supports label printing as well as receipts via the integral label-gap sensor.

CMP-20, CMP-30
PORTABLE PRINTING

Features

- Easy, drop–in paper loading and paper out indicators.
- Integral tear bar to cut paper to length.
- Lithium Ion power technology and easy-change battery packs.
- AC adapter as standard designed to recharge batteries on-board the printer or via an external optional charging station.
- Range of interfacing options including USB and Serial plus Bluetooth® and Wireless LAN networking options.
- Magnetic stripe reader and IC card ("chip card") reader options.
- Windows, iOS and Android drivers and software development toolkits for a range of application platforms.

Printer Specifications

Printer Model		Citizen CMP-20	Citizen CMP-30	Citizen CMP-30L
Printer Class Size		2-inch Receipt	3-inch Receipt	3-inch Label+Receipt
Printing method		Line thermal dot printing		
Printing speed		Up to 80 mm per second, 3.1 ips	Up to 100 mm per second, 4 inches per second	
Printing width		48 mm, 1.88 inches	72 mm, 2.83 inches	
Media width		58 mm, 2.28 inches	From 25 - 80 mm, From 1.00 - 3.15 inches	
Media roll size		Diameter up to 48 mm	Diameter up to 56 mm	
Characters per full line (Font A, Font B)		32 characters, 42 characters	48 characters, 64 characters	
Media type		Thermal receipt paper	Thermal receipt paper	Thermal labels and receipts
Media sensors		Paper end sensor	Paper end, black mark	Label gap, paper end, black mk
Resolution, Dots per line		203 dpi, 384 dots per line	203 dpi, 576 dots per line	
Interface versions	RS232C Serial	Standard. Up to 115,000 baud, 7 or 8 bit-pin (mini-DIN connector)		
	USB	Standard. USB 2.0 full speed (mini connector, type B)		
	Bluetooth	Factory Option* Class 2, v2.0, 2.4 Ghz FH, 40 metres, up to 115 Kbps, SPP profile, Apple® MFi® compliant		
	Wireless LAN	Factory Option*802.11b and 802.11g stardards, 100 metres , 64/128 but WEP, WPA, WPA2 up to 54Mbps		
Magnetic Stripe Reader		Factory Option. ISO 7811/2, JIS standards. Dual track (1+2, 2+3), 10-15 cm/s swipe speed		
IC-Card Reader		Factory Option. 9,600 bps read speed, internal 1-channel.		
Case design		Heavy duty plastic with impact resistance edge mouldings		
Environmental rating, drop test		Exceeds IP42. Survives multiple drops of 1.2 metres.		
Physical dimensions (W x D x H)		96 x 136 x 58 mm	120 x 152 x 70 mm	
Printer weight (inc. battery, excl. paper)		442 grams (approx. 1.0 lb)	630 grams (approx. 1.4 lbs)	
Battery type and capacity		Li-Ion, 7.4 volt, 1800 mAh	Li-Ion, 7.4 volt, 2200 mAh	
Charger specification		Input: 100V-240V AC, 50/60Hz. Output: 8.4 volts, 1200 mA		
Emulations		ESC/POS™	ESC/POS + CPCL compatibility	
Drivers		Windows, iOS, Android and SDK drivers for desktop and mobile operating systems		

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