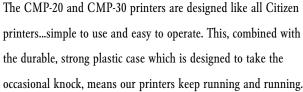


CMP-20/CMP-30 Portable Printers



The CMP-20 and CMP-30 feature high capacity media rolls which can accept large diameter media rolls of approximately two inches, allowing for long print runs without changing the media. Furthermore, they come equipped with high capacity batteries, providing users with day-long printing capabilities.

Compact, robust and powerful, the CMP-20 and CMP-30 printers are ideal for all your receipt and labeling needs.



Leading Technology for Humanity



CMP-20/CMP-30 Portable Printers

Features

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

Applications

- Mobile receipts
- labeling
- Queue busting
- Ticketing
- Delivery slips
- Payments
- Price markdown
- Taxi receipts

Specifications

Printing method Printing speed Up to 80 mm (3.1 inches) per second Printer Class Size 2-inch 3-inch Printing width 48 mm, 1.88 inches 72 mm, 2.83 inches Media width 58 mm, 2.28 inches diameter up to 48 mm diameter up to 56 mm Characters per full line (Font A, Font B) 203 dpi 203 dpi 203 dpi Dots per line RS232C Serial USB Bluetooth Wireless LAN Wireless LAN Wireless LAN Practory Option. 802.11b and 802.11g standards, 100 metres, 64/128 bit WEP, WPA, up to 54Mbps Magnetic Stripe Reader Factory Option. 1SO 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 Physical dimensions (W x D x H) Printer weight (inc. battery, excl. paper) Battery type and capacity Li-lon, 7.4 volt, 1900 mAh Li-lon, 7.4 volt, 2200 mAh Environmental rating, drop test Exceeds IP42. Survives multiple drops of 1.5 metres. Emulations Windows compatible drivers for desktop and mobile operating systems	Printer Model		Citizen CMP-20	Citizen CMP-30
Printer Class Size Printing width A8 mm, 1.88 inches 72 mm, 2.83 inches Media width 58 mm, 2.28 inches 25 - 80 mm, 1.00 - 3.15 inches Media roll size Characters per full line (Font A, Font B) 32 characters, 42 characters 48 characters, 64 characters Resolution Dots per line RS232C Serial USB Bluetooth Factory Option. Class 2, v2.0, 2.4Ghz FH, 10 metres, up to 115Kbps, SPP profile Wireless LAN Factory Option. 802.11b and 802.11g standards, 100 metres, 64/128 bit WEP, WPA, up to 54Mbps Magnetic Stripe Reader Factory Option. 1SO 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 High-impact ABS plastic Physical dimensions (W x D x H) Printer weight (inc. battery, excl. paper) Battery type and capacity Li-lon, 7.4 volt, 1900 mAh Li-lon, 7.4 volt, 2200 mAh Environmental rating, drop test Exceeds IP42. Survives multiple drops of 1.5 metres. Emulations ESC/POS™ ESC/POS™ ESC/POS™ + CPCL™ compatibility	Printing method		Line thermal dot printing	
Printing width Media width 58 mm, 1.88 inches 72 mm, 2.83 inches 25 - 80 mm, 1.00 - 3.15 inches Media roll size Characters per full line (Font A, Font B) 32 characters, 42 characters 48 characters, 64 characters 48 characters, 64 characters 203 dpi 203 dpi 203 dpi Dots per line RS232C Serial USB Standard. Up to 115,000 bps, 7 or 8 bit, 8-pin mini-DIN connector Standard. USB 2.0, mini connector, type B Bluetooth Factory Option. Class 2, v2.0, 2.4Ghz FH, 10 metres, up to 115Kbps, SPP profile Factory Option. B02.11b and 802.11g standards, 100 metres, 64/128 bit WEP, WPA, 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 High-impact ABS plastic Physical dimensions (W x D x H) Printer weight (inc. battery, excl. paper) High-impact ABS arm 442 grams (approx. 0.44 Kgs, 1.0 lb) Battery type and capacity Li-lon, 7.4 volt, 1900 mAh Li-lon, 7.4 volt, 2200 mAh Charger specification Input: 100V-240V AC, 50/60Hz. Output: 8.4 volts, 1200 mA Environmental rating, drop test Esc/POSTM ESC/POSTM ESC/POSTM ESC/POSTM ESC/POSTM ESC/POSTM + CPCLTM compatibility	Printing speed		Up to 80 mm (3.1 inches) per second	100 mm (3.9 inches) per second
Media width58 mm, 2.28 inches25 - 80 mm, 1.00 - 3.15 inchesMedia roll sizediameter up to 48 mmdiameter up to 56 mmCharacters per full line (Font A, Font B)32 characters, 42 characters48 characters, 64 charactersResolution203 dpi203 dpiDots per line384 dots per line576 dots per lineRS232C SerialStandard. Up to 115,000 bps, 7 or 8 bit, 8-pin mini-DIN connectorUSB BluetoothStandard. USB 2.0, mini connector, type B Factory Option. Class 2, v2.0, 2.4Ghz FH, 10 metres, up to 115Kbps, SPP profileWireless LANFactory Option. 802.11b and 802.11g standards, 100 metres, 64/128 bit WEP, WPA, up to 54MbpsMagnetic Stripe ReaderFactory Option. ISO 7811/2, JIS standards. Dual track (1+2, 2+3), 10-15 cm/s swipe speedIC-Card ReaderFactory Option. 9,600 bps read speed, internal 1-channel.Case designHigh-impact ABS plasticPhysical dimensions (W x D x H)96 x 136 x 58 mm120 x 70 x 152 mmPrinter weight (inc. battery, excl. paper)442 grams (approx. 0.44 Kgs, 1.0 lb)630 grams (approx. 0.63 Kgs, 1.4 lbs)Battery type and capacityLi-lon, 7.4 volt, 1900 mAhLi-lon, 7.4 volt, 2200 mAhCharger specificationInput: 100V-240V AC, 50/60Hz. Output: 8.4 volts, 1200 mAEnvironmental rating, drop testExceeds IP42. Survives multiple drops of 1.5 metres.EmulationsESC/POSTMESC/POSTM + CPCLTM compatibility	Printer Class Size		2-inch	3-inch
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 Resolution 203 dpi 203 dpi Dots per line 384 dots per line 576 dots per line RS232C Serial Standard. Up to 115,000 bps, 7 or 8 bit, 8-pin mini-DIN connector USB Standard. USB 2.0, mini connector, type B Bluetooth Factory Option. Class 2, v2.0, 2.4Ghz FH, 10 metres, up to 115Kbps, SPP profile Wagnetic Stripe Reader Factory Option. 802.11b and 802.11g standards, 100 metres, 64/128 bit WEP, WPA, up to 54Mbps IC-Card Reader Factory Option. 1SO 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 High-impact ABS plastic Physical dimensions (W x D x H) 96 x 136 x 58 mm 120 x 70 x 152 mm Printer weight (inc. battery, excl. paper) 442 grams (approx. 0.44 Kgs, 1.0 lb) 630 grams (approx. 0.63 Kgs, 1.4 lbs) Battery type and capacity Li-lon, 7.4 volt, 1900 mAh Li-lon, 7.4 volt, 2200 mAh Charger specification Input: 100V-240V AC, 50/60Hz. Output: 8.4 volts, 1200 mA	Printing width		48 mm, 1.88 inches	72 mm, 2.83 inches
Characters per full line (Font A, Font B) Resolution Dots per line RS232C Serial USB Bluetooth Wireless LAN 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 Physical dimensions (W x D x H) Printer weight (inc. battery, excl. paper) Battery type and capacity Li-lon, 7.4 volt, 1900 mAh Environmental rating, drop test Exceeds IP42. Survives multiple drops of 1.5 metres. Emulations Standard. Up to 115,000 bps, 7 or 8 bit, 8-pin mini-DIN connector Stripe A8 characters, 64 characters 48 characters, 64 characters 48 characters, 64 characters 48 characters, 64 characters 48 characters, 64 characters 48 characters, 64 characters 48 characters, 64 characters 48 characters, 64 characters 48 characters, 64 characters 48 characters, 64 characters 48 characters, 64 characters 48 characters, 64 characters 48 characters, 64 characters 48 characters, 64 characters 48 characters, 64 characters 576 dots per line 576	Media width		58 mm, 2.28 inches	25 - 80 mm, 1.00 - 3.15 inches
Resolution 203 dpi 203 dpi Dots per line 384 dots per line 576 dots per line Interface versions RS232C Serial Standard. Up to 115,000 bps, 7 or 8 bit, 8-pin mini-DIN connector USB Standard. USB 2.0, mini connector, type B Bluetooth Factory Option. Class 2, v2.0, 2.4Ghz FH, 10 metres, up to 115Kbps, SPP profile Factory Option. 802.11b and 802.11g standards, 100 metres, 64/128 bit WEP, WPA, 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 High-impact ABS plastic Physical dimensions (W x D x H) 96 x 136 x 58 mm 120 x 70 x 152 mm Printer weight (inc. battery, excl. paper) 442 grams (approx. 0.44 Kgs, 1.0 lb) 630 grams (approx. 0.63 Kgs, 1.4 lbs) Battery type and capacity Li-lon, 7.4 volt, 1900 mAh Li-lon, 7.4 volt, 2200 mAh Charger specification Input: 100V-240V AC, 50/60Hz. Output: 8.4 volts, 1200 mA Environmental rating, drop test Exceeds IP42. Survives multiple drops of 1.5 metres. Emulations ESC/POS™ + CPCL™ compatibility	Media roll size		diameter up to 48 mm	diameter up to 56 mm
Dots per line RS232C Serial USB Bluetooth Wireless LAN Magnetic Stripe Reader Factory Option. S02.11b and 802.11g standards, 100 metres, 64/128 bit WEP, WPA, up to 54Mbps 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 Physical dimensions (W x D x H) Printer weight (inc. battery, excl. paper) Battery type and capacity Li-lon, 7.4 volt, 1900 mAh Environmental rating, drop test ESC/POSTM Standard. Up to 115,000 bps, 7 or 8 bit, 8-pin mini-DIN connector Standard. Up to 115,000 bps, 7 or 8 bit, 8-pin mini-DIN connector Standard. Up to 115,000 bps, 7 or 8 bit, 8-pin mini-DIN connector Standard. Up to 115,000 bps, 7 or 8 bit, 8-pin mini-DIN connector Standard. Up to 115,000 bps, 7 or 8 bit, 8-pin mini-DIN connector Standard. Up to 115,000 bps, 7 or 8 bit, 8-pin mini-DIN connector Standard. Up to 115,000 bps, 7 or 8 bit, 8-pin mini-DIN connector Standard. Up to 115,000 bps, 7 or 8 bit, 8-pin mini-DIN connector Standard. Up to 115,000 bps, 7 or 8 bit, 8-pin mini-DIN connector Standard. Up to 115,000 bps Factory Option. Class 2, v2.0, 2.4Ghz FH, 10 metres, up to 115Kbps, SPP profile Factory Option. 802.11b and 802.11g standards, 100 metres, 64/128 bit WEP, WPA, up to 54Mbps Factory Option. 802.11b and 802.11g standards, 100 metres, 64/128 bit WEP, WPA, up to 54Mbps Factory Option. 802.11b and 802.11g standards, 100 metres, 64/128 bit WEP, WPA, up to 115Kbps, SPP profile Factory Option. 802.11b and 802.11g standards, 100 metres, 64/128 bit WEP, WPA, up to 115Kbps, SPP profile Factory Option. 802.11g bs Factory Option. 9,600 bps read speed, internal 1-channel. 630 gr	Characters per full line (Font A, Font B)		32 characters, 42 characters	48 characters, 64 characters
Interface versions RS232C Serial USB Standard. Up to 115,000 bps, 7 or 8 bit, 8-pin mini-DIN connector USB Bluetooth Wireless LAN Factory Option. Class 2, v2.0, 2.4Ghz FH, 10 metres, up to 115Kbps, SPP profile Wireless LAN Factory Option. 802.11b and 802.11g standards, 100 metres, 64/128 bit WEP, WPA, 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 Physical dimensions (W x D x H) Printer weight (inc. battery, excl. paper) High-impact ABS plastic Physical dimensions (W x D x H) Printer weight (inc. battery, excl. paper) Li-lon, 7.4 volt, 1900 mAh Li-lon, 7.4 volt, 2200 mAh Charger specification Input: 100V-240V AC, 50/60Hz. Output: 8.4 volts, 1200 mA Environmental rating, drop test ESC/POS™ ESC/POS™ + CPCL™ compatibility	Resolution		203 dpi	203 dpi
Interface versions USB Bluetooth Factory Option. Class 2, v2.0, 2.4Ghz FH, 10 metres, up to 115Kbps, SPP profile Wireless LAN Factory Option. 802.11b and 802.11g standards, 100 metres, 64/128 bit WEP, WPA, up to 54Mbps	Dots per line		384 dots per line	576 dots per line
Bluetooth Wireless LAN Factory Option. Class 2, v2.0, 2.4Ghz FH, 10 metres, up to 115Kbps, SPP profile Factory Option. 802.11b and 802.11g standards, 100 metres, 64/128 bit WEP, WPA, up to 54Mbps 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 Physical dimensions (W x D x H) Printer weight (inc. battery, excl. paper) High-impact ABS plastic Physical dimensions (W x D x H) Printer weight (inc. battery, excl. paper) 442 grams (approx. 0.44 Kgs, 1.0 lb) Battery type and capacity Li-lon, 7.4 volt, 1900 mAh Charger specification Input: 100V-240V AC, 50/60Hz. Output: 8.4 volts, 1200 mA Environmental rating, drop test Exceeds IP42. Survives multiple drops of 1.5 metres. Emulations ESC/POS™ ESC/POS™ + CPCL™ compatibility	Interface versions	RS232C Serial	Standard. Up to 115,000 bps, 7 or 8 bit, 8-pin mini-DIN connector	
Bluetooth Wireless LAN Factory Option. Class 2, v2.0, 2.4Ghz FH, 10 metres, up to 115Kbps, SPP profile Factory Option. 802.11b and 802.11g standards, 100 metres, 64/128 bit WEP, WPA, up to 54Mbps 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 High-impact ABS plastic Physical dimensions (W x D x H) Printer weight (inc. battery, excl. paper) 442 grams (approx. 0.44 Kgs, 1.0 lb) Battery type and capacity Li-lon, 7.4 volt, 1900 mAh Li-lon, 7.4 volt, 2200 mAh Charger specification Input: 100V-240V AC, 50/60Hz. Output: 8.4 volts, 1200 mA Environmental rating, drop test Exceeds IP42. Survives multiple drops of 1.5 metres. Emulations ESC/POSTM ESC/POSTM + CPCLTM compatibility		USB	Standard. USB 2.0, mini connector, type B	
WPA, up to 54Mbps 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 High-impact ABS plastic Physical dimensions (W x D x H) 96 x 136 x 58 mm 120 x 70 x 152 mm Printer weight (inc. battery, excl. paper) 442 grams (approx. 0.44 Kgs, 1.0 lb) 630 grams (approx. 0.63 Kgs, 1.4 lbs) Battery type and capacity Li-Ion, 7.4 volt, 1900 mAh Li-Ion, 7.4 volt, 2200 mAh Charger specification Input: 100V-240V AC, 50/60Hz. Output: 8.4 volts, 1200 mA Environmental rating, drop test Exceeds IP42. Survives multiple drops of 1.5 metres. Emulations ESC/POS™ ESC/POS™ + CPCL™ compatibility		Bluetooth	Factory Option. Class 2, v2.0, 2.4Ghz FH, 10 metres, up to 115Kbps, SPP profile	
swipe speed IC-Card Reader Factory Option. 9,600 bps read speed, internal 1-channel. Case design High-impact ABS plastic Physical dimensions (W x D x H) Printer weight (inc. battery, excl. paper) Battery type and capacity Li-lon, 7.4 volt, 1900 mAh Charger specification Input: 100V-240V AC, 50/60Hz. Output: 8.4 volts, 1200 mA Environmental rating, drop test Exceeds IP42. Survives multiple drops of 1.5 metres. Emulations ESC/POSTM ESC/POSTM + CPCLTM compatibility		Wireless LAN		
Case design Physical dimensions (W x D x H) Printer weight (inc. battery, excl. paper) Battery type and capacity Li-lon, 7.4 volt, 1900 mAh Charger specification Input: 100V-240V AC, 50/60Hz. Output: 8.4 volts, 1200 mA Environmental rating, drop test Exceeds IP42. Survives multiple drops of 1.5 metres. Emulations High-impact ABS plastic 120 x 70 x 152 mm 630 grams (approx. 0.63 Kgs, 1.4 lbs) Li-lon, 7.4 volt, 2200 mAh Li-lon, 7.4 volt, 2200 mAh Environmental rating, drop test Exceeds IP42. Survives multiple drops of 1.5 metres. ESC/POS™ ESC/POS™ + CPCL™ compatibility	Magnetic Stripe Reader			
Physical dimensions (W x D x H) 96 x 136 x 58 mm 120 x 70 x 152 mm 120 x 70 x 152 mm 442 grams (approx. 0.44 Kgs, 1.0 lb) 630 grams (approx. 0.63 Kgs, 1.4 lbs) Battery type and capacity Li-lon, 7.4 volt, 1900 mAh Li-lon, 7.4 volt, 2200 mAh Charger specification Input: 100V-240V AC, 50/60Hz. Output: 8.4 volts, 1200 mA Environmental rating, drop test Exceeds IP42. Survives multiple drops of 1.5 metres. Emulations ESC/POS TM ESC/POS TM + CPCL TM compatibility	IC-Card Reader		Factory Option. 9,600 bps read speed, internal 1-channel.	
Printer weight (inc. battery, excl. paper) 442 grams (approx. 0.44 Kgs, 1.0 lb) 630 grams (approx. 0.63 Kgs, 1.4 lbs) Battery type and capacity Li-lon, 7.4 volt, 1900 mAh Li-lon, 7.4 volt, 2200 mAh Charger specification Input: 100V-240V AC, 50/60Hz. Output: 8.4 volts, 1200 mA Environmental rating, drop test Exceeds IP42. Survives multiple drops of 1.5 metres. Emulations ESC/POS™ ESC/POS™ + CPCL™ compatibility	Case design		High-impact ABS plastic	
Battery type and capacity Li-lon, 7.4 volt, 1900 mAh Li-lon, 7.4 volt, 2200 mAh Charger specification Input: 100V-240V AC, 50/60Hz. Output: 8.4 volts, 1200 mA Environmental rating, drop test Exceeds IP42. Survives multiple drops of 1.5 metres. Emulations ESC/POS™ ESC/POS™ + CPCL™ compatibility	Physical dimensions (W x D x H)		96 x 136 x 58 mm	120 x 70 x 152 mm
Charger specification Input: 100V-240V AC, 50/60Hz. Output: 8.4 volts, 1200 mA Environmental rating, drop test Exceeds IP42. Survives multiple drops of 1.5 metres. Emulations ESC/POS™ ESC/POS™ + CPCL™ compatibility	Printer weight (inc. battery, excl. paper)		442 grams (approx. 0.44 Kgs, 1.0 lb)	630 grams (approx. 0.63 Kgs, 1.4 lbs)
Environmental rating, drop test Exceeds IP42. Survives multiple drops of 1.5 metres. Emulations ESC/POS™ ESC/POS™ + CPCL™ compatibility	Battery type and capacity		Li-lon, 7.4 volt, 1900 mAh	Li-lon, 7.4 volt, 2200 mAh
Emulations ESC/POS TM = CPCL TM compatibility	Charger specification		Input: 100V-240V AC, 50/60Hz. Output: 8.4 volts, 1200 mA	
	Environmental rating, drop test		Exceeds IP42. Survives multiple drops of 1.5 metres.	
Drivers Windows compatible drivers for desktop and mobile operating systems	Emulations		ESC/POS™	$ESC/POS^{TM} + CPCL^{TM} \ compatibility$
	Drivers		Windows compatible drivers for desk	ctop and mobile operating systems

