

Brother Mobility & Labelling Products



RJ series rugged mobile receipt and label printer range

Our comprehensive range of RJ mobile printers feature impressive print speeds and a rugged build quality to fit the requirements of a wide range of vertical market applications. Bluetooth, Wireless & USB connectivity options make it possible for busy mobile workers to print on site or in the field.

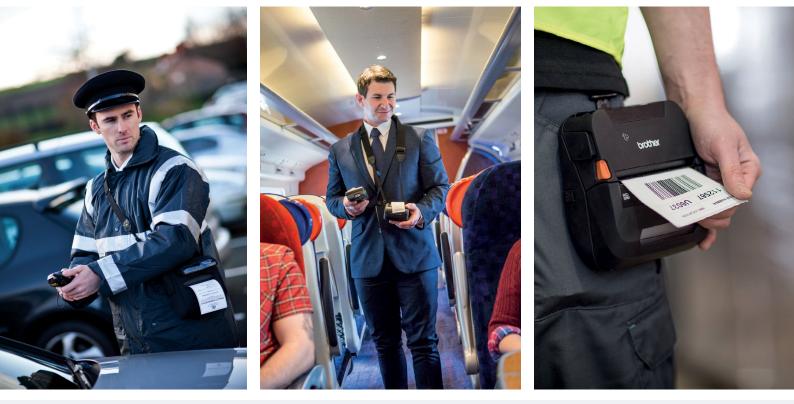




In the modern business climate, companies today are striving to differentiate themselves from the competition and are therefore investing in technologies which will increase worker productivity and improve customer satisfaction.

Mobile printers are now being recognised as an integral part of the overall mobile mix, due to the many benefits they offer to field workers and their overall Return On Investment (ROI).





The RJ range of rugged mobile printers from Brother offer the latest connectivity options, functionality and accessories which stand up to the rigours of even the most extreme environments.

RJ series range summary

RJ Series	RJ-2035B	RJ-2030	RJ-2050	RJ-2140	RJ-2150	RJ-3035B	RJ-3230B	RJ-3250WB	RJ-4230B	RJ-4250WB
		2 Inch (54mm)				3 Inc	ch (76.2	mm)	4 lr (101.0	nch ômm)
MEDIA TYPES										
Receipt	•	٠	•	•	•	•	٠	•	•	•
Labels				•	•		•	•	•	•
PRINTING										
Print speed	101.6mm /sec	152mm/sec				101.6mm /sec	127r	nm/sec	127m	m/sec
Resolution			203dpi			203dpi		203	3dpi	

CONNECTIVITY

Max. print width(s)

48mm

USB	•	•	•	•	•	•	•	•	•	•
Serial							•	•	•	
Wireless LAN			•	•	•			•		•
Bluetooth	•	•	•		•	•	•	•	•	•
AirPrint			•	•	•			•		•
MFi	•		•		•	•	•	•	•	•
NFC	Yes (passive only)					Yes (passive only)		Yes (passive only)		es ve only)

72mm

80mm

104mm

54mm

OTHERS

IP Rating	IP42	IP54		IP42	IP54	IP54
Drop protection	1.8 metres	2.5 m	etres	1.8 metres	2 metres	2.1 metres
Weight (with battery)	215g	465g	545g	375g	807g	850g
Dimensions (mm)	79(w) 36.5(h) 116(d)	122(w) 57(h) 100(d)	151(w) 73(h) 100(d)	105(w) 49.5(h) 116(d)	117(w) 77 (h) 180 (d)	153(w) 68(h) 159(d)

Retail

Improve workforce efficiency by printing receipts and labels on demand, whilst at the same time offer greater customer engagement and satisfaction.

Applications include:

- Shelf edge labels
- "Queue busting" receipt printing
- Mark down or discount labels

Field Service / Sales

The deployment of a mobile print solution offers increased productivity courtesy of reduced administrative duties, and enhanced customer satisfaction by providing immediate documentation of chargeable work carried out. Differentiate your brand from the competition by empowering field technicians with Brother mobile print solutions to deliver higher levels of customer service whilst at the same time increasing operational efficiencies.

Applications include:

- Receipts and invoices
- Repair estimates
- Statements of work
- Work orders
- Estimates and quotations
- Maintenance and service reports

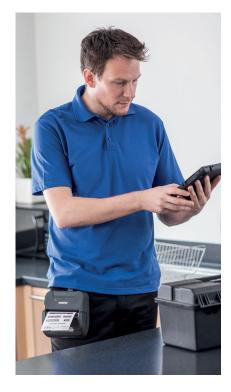
Logistics / Direct Store Delivery

As companies look for ways to increase revenue, increase profitability and improve their customer relations, rugged tablets and mobile handheld devices along with customised software help automate many of the manual delivery tasks that are routinely performed every day. Leaving a printed output at the point of delivery enables field workers to confirm and complete transactions on site, and provide customers with professional looking documents.

Applications include:

- Sales orders and confirmations
- Returned goods receipts and labels
- Customer receipts
- Delivery receipts







Public Safety / Emergency Services

Brother RJ mobile printers help increase operational efficiency by allowing law enforcement officers and emergency staff to document and report incidents more accurately and efficiently, at the point of interaction. With their rugged design, fast print speed and reliable operation, they offer a competitive combination of performance and features which provide benefits to officers printing tickets, parking violations, and much more.

Applications include:

- Parking violations
- Recording of accidents and crime scenes
- Electronic citations and fines
- Warning Notices



Manufacturing / Warehousing

Efficient manufacturing, warehouse operations and worker productivity are critical to the success of many companies. Using wireless connectivity, the Brother RJ mobile printer range provides workers with the ability to print barcode labels on-demand, at the point of application. This saves time and reduces potential errors caused by mislabelling.

Applications include:

- Work-in-progress labels
- Bin and shelf labels
- Shipping and despatch labels
- · Inventory pick and return tickets









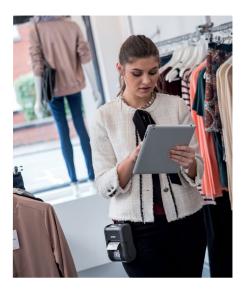


RJ3 Series

RJ4 Series

Software Support/Features

Brother provides all the necessary tools required for software developers to integrate printing into their mobile applications. Printer drivers are available for Windows OS, and Software Development Kits can be provided to support Windows Mobile*, Android and iOS operating systems.



AirPrint* and MFi* support Easily connect to, and print from Apple devices thanks to AirPrint and MFi support.



Design the required document on your Windows PC, including logos and barcodes. Once transferred and stored in the printer's memory, the template can be recalled and any data replaced, before printing with just a few short commands.



Printer Commands*

With support for ZPL II emulation, CPCL emulation in addition to Brother ESC/P commands, developers can easily integrate mobile printing into existing legacy systems.



Bluetooth Imaging Protocol*

Create jpeg files from within your application, then send directly to the printer using Bluetooth wireless connectivity.



* Check model compatibility





	2 Inch (54mm)						
RJ Series	RJ-2035B	RJ-2030	RJ-2050	FJ-2140	FJ-2150		
Li-ion rechargeable battery	PA-BT-008	PA-BT-003	PA-BT-003	PA-BT-003	PA-BT-003		
AC adapter	PA-AD-600	PA-AD-600	PA-AD-600	PA-AD-600	PA-AD-600		
12v car adapter (in-car socket)	PA-CD-001CG	PA-CD-600CG	PA-CD-600CG	PA-CD-600CG	PA-CD-600CG		
12v car adapter (permanently wired)	PA-CD-600WR	PA-CD-600WR	PA-CD-600WR	PA-CD-600WR	PA-CD-600WR		
Single battery charger	PA-BC-002	PA-BC-002	PA-BC-002	PA-BC-002	PA-BC-002		
1-Bay Cradle Charger	PA-CR-003	N/A	N/A	N/A	N/A		
4-Bay Cradle Charger	PA-4BC-001	N/A	N/A	N/A	N/A		
Printer Mounting Kit	N/A	N/A	N/A	N/A	N/A		
Shoulder Strap	PA-SS-001	PA-SS-4000	PA-SS-4000	PA-SS-4000	PA-SS-4000		
Roll Holder	N/A	N/A	N/A	N/A	N/A		

3 Ir	nch (76.2n	4 Inch (1	01.6mm)	
RJ-3035B	RJ-3230B	RJ-3250WB	RJ-4230B	RJ-4250WB
PA-BT-009	PA-BT-006	PA-BT-006	PA-BT-006	PA-BT-006
PA-AD-600	PA-AD-600A	PA-AD-600A	PA-AD-600	PA-AD-600
PA-CD-001CG	PA-CD-600CG	PA-CD-600CG	PA-CD-600CG	PA-CD-600CG
PA-CD-600WR	PA-CD-600WR	PA-CD-600WR	PA-CD-600WR	PA-CD-600WR
PA-BC-005	PA-BC-003	PA-BC-003	N/A	N/A
PA-CR-004	PA-CR-005	PA-CR-005	N/A	N/A
PA-4BC-002	PA-4CR-003	PA-4CR-003	N/A	N/A
N/A	N/A	N/A	PA-CR-002	PA-CR-002
PA-SS-001	PA-SS-4000	PA-SS-4000	PA-SS-4000	PA-SS-4000
PA-RH-002	Yes	Yes	N/A	N/A

Features & Specifications - 2 Inch (54mm)

	RJ-2035B	RJ-2030	RJ-2050	RJ-2140	RJ-2150			
Printing / Media								
Printing technology			Direct thermal					
Print resolution			203dpi					
Print speed*	Max 101.6mm/second (4ips)		Maximum 152mm/second (6ips)					
Maximum print width	48mm		54mm max for all models					
Maximum print length	2794mm		1000	Dmm				
Media sensor type		Reflective		Transmissiv	ve / Reflective			
Tear bar			Yes					
Media types		Receipt paper		Label rolls /	Receipt paper			
Receipt width			58mm max					
Receipt paper thickness	2.3-3.0mils (0.06-0.10mm)		2.3-3.5 mils (0.	058-0.090mm)				
Label width		-		55	ōmm			
Label thickness		-		3.1-6.7 mils (0).080-0.170mm)			
Roll diameter	30mm max	40mn	n max	60m	m max			
Core diameter			10.2mm					
Interface								
Туре	Battery status x3, Printer status x1, RF connection x1, 1 feed/pause button 1 power button		Backlit mono	ichrome LCD				
Connectivity								
USB		USB ve	rsion 2.0 full-speed (mini-B co	nnector)				
USB host capability			-					
Bluetooth	Bluetooth 5.0		Bluetooth 2.1+EDR		Bluetooth 2.1+EDR			
Bluetooth profiles	SPP (Serial Port Profile - low energy) GATT (low energy) iAP supported	SPP (Serial Port Profile) OPP (Object Push Profile) BIP (Basic Imaging Profile) HCRP (Hard Copy Cable Replacement Profile)	SPP (Serial Port Profile) OPP (Object Push Profile) BIP (Basic Imaging Profile) HCRP (Hard Copy Cable Replacement Profile) iAP supported	-	SPP (Serial Port Profile OPP (Object Push Profil BIP (Basic Imaging Profi HCRP (Hard Copy Cab Replacement Profile) iAP supported			
MFi support	Yes	-	Yes	-	Yes			
Wireless LAN	-	-	IEEE802.11b/g/n Infrastructure mode: [b/g/n] Adhoc mode: [b/g/n] Wireless direct mode: [g/n]					
Wireless LAN security (AdHoc mode)	-	-		None/WEP				
Wireless LAN security (Infrastructure mode)	-	-	None/WEP64/WEP128 Common key authentication (WEP) WPA/WPA2-PSK (TKIP+AES) LEAP (CKIP) EAP-FAST (TKIP/AES) PEAP (TKIP/AES) EAP-TLS (TKIP/AES) EAP-TTLS (TKIP/AES)					
Wireless LAN security (Wireless direct mode)	-	-		WPA2-PSK (AES)				
NFC	Yes (passive)	-		-				

	RJ-2035B	RJ-2030	RJ-2050	RJ-2140	RJ-2150			
Software / Firmware		110 2000						
Operating system support	Microsoft® Windows® 7/8.1/10,	Microsoft® Windo	ws Vista®/ Windows® 7 / Wi	ndows® 8 Windows® 8.1 / V	Vindows® 10			
	Server 2012/R2, 2016, 2019, Mac OS 10.11 or greater, Linux deb/rpm	Android 4.0.3 or higher (SDK) iOS 6 or higher (SDK) (visit http://support.brother.com for latest OS support)						
Microsoft® WHQL certified drivers		1	Y	es				
SDK availability (visit brother.com.au/service-and-support/ software-development-kit.html)	Microsoft® Windows® 7/8/8.1/10, Android 4.0.3 or later, IOS 7.0 or later, Requires 3rd party app development using brother SDK		b-PAC (for V Android 4.0.3 or iOS 6 or high	higher (SDK)				
Supported printer commands	EPL2,ZPL2, FBPL, CPCL,	ZPLII	emulation, CPCL emulation, E	SC/P, P-touch Template, Rast	er			
Barcode symbologies	Linear: CODE 39, ITF(I-2/5), EAN-8, EAN-13, UPC-A, UPC-E, UPC/EAN EXTENSION, CODA- BAR, CODE128, GS1-128(UCC/ EAN 128), POSTNET, GS1 Databar(Omnidirectional/Truncated/ Stacked/Stacked Omnidirectional/ Limited/Expanded/Expanded Stacked), CODE93, MSI/Plessey, Inteligent Mail Barcode 2-dimensional: QR Code (model 1, model 2, micro QR), Maxi code, PDF417 (Standard, Truncate) MicroPDF417, Data Matrix (Square, Rectangular) AztecCode	PC-E, IDA- IDA- IDC/ COL BSS symbols / CODE93 / POSTNET / UPC/EAN EXTENSION / MSI / QR Code (model 1, model 2, PDF417 (Standard, Truncate, MicroPDF417) / Data Matrix (ECC200 Square, ECC200 Rectance MaxiCode / Aztec MaxiCode / Aztec						
Internal fonts	<p-touch template=""> Outline:4: Gothic, Letter Gothic Bold, Helsinki,Brussels MAX 400dot <esc p=""><p-touch template=""> BMP:3 Gothic,Letter Gothic Bold,Helsinki 3size<16,24,32dot> Outline:4: Gothic,Letter Gothic Bold, Helsinki,Brussels MAX 400dot</p-touch></esc></p-touch>	G	<esc commands="" p=""> Bitmap fonts: Gothic, Letter Gothic Bold, Helsinki / Font sizes: 16, 24, 32 dots / Outline fonts: Gothic, Letter Gothic Bold, Helsinki / Font sizes: 400 dots (maximum) <p-touch commands="" template=""> Outline fonts: Gothic, Letter Gothic Bold, Helsinki / Font sizes: 400dots (maximum)</p-touch></esc>					
Label Editing Software		P-To	uch Editor 5.4, BarTender Ulti	a Lite Edition ¹ (except 4250)				
Memory								
RAM			32MB					
Flash	16MB	32MB (12MB available for template upload)						
Environmental	1							
Drop protection	1.8 metres- multiple drops (under Brother standard environment)	2.5 m	etres - multiple drops (under	Brother standard environment	1			
Sealing	IP42		IP54					
Operating temperature	Operating: -15°C to +50°C Charging: 0°C to +40°C		Operating: -10°C to +50°C /	Charging: 0°C to +40°C				
Operating humidity		1	0%-90% / Maximum web bull	o: +27C (no condensation)				
Storage temperature	-30°C to +70°C		-20°C to +60°C for 1	20 hours maximum				
Storage humidity			+45°C @ 95% for 120	hours maximum				
Power								
Battery	Rechargeable Li-ion (7.4V)		Rechargeable L	i-ion (7.2V)				
AC adapter (optional accessory)		1	00-240V AC (50/60Hz) to 15	/ DC (only for charging)				
Car adapter (opt accessory)	12-24V		12V DC (only for	charging)				
Cradle Charger (opt accessory)	1-bay Cradle Charger		-					
Battery Charger (opt accessory)	4-bay Battery Charger		-					
Shoulder Strap (opt accessory)	Yes		-					
Weights/Dimensions		l 						
Dimensions	79(w) x 116(d) x 36.5(h)	122(w) x 57(h) >	: 100(d) mm	151(w) x 73(h) x	100(d) mm			
Weight (including battery)	215g	4650		545g				
Included items			·					
Included items	Printer, Li-ion battery, Belt clip, Auto-switching power adaptor, Documentation		Printer, Li-ion battery, Belt	clip, Documentation				

*Brother standard test environment ¹Sold separately

Features & Specifications - 3 & 4 Inch (76.2mm & 101.6mm)

	RJ-3035B	RJ-3230B	RJ-3250WB	RJ-4230B	RJ-4250WB		
Printing / Media							
Printing technology			Direct thermal				
Print resolution			203dpi				
Print speed*	Max 101.6mm/sec (4ips)	m/second (5ips)					
Maximum print width		Up to 72mm		10	4mm		
Maximum print length	2794mm		Up to 30	000mm			
Media sensor type	Reflective		Transmissive	/ Reflective			
ear bar			Yes				
Media types	Receipt paper		Label rolls / R	leceipt paper			
Receipt width	80mm	Up	to 72mm	11	3mm		
Receipt paper hickness	2.3-5.2 mil (0.06-0.16 mm)		2.2-3.5mils (0.0	058-0.090mm)			
_abel width	-	8	BOmm	11	3mm		
abel thickness	-		3.1-6.6 mil (0.0	080-0.170mm)			
Roll diameter	40mm max	ξ	BOmm	58m	m max		
Core diameter	10.2mm (receipt)	12.7mm-13.0mm or 19.0	0mm (receipt) / 25.4mm (labels)	12.7mm (receipt) / 25.4mm (labels)		
nterface							
Гуре	Battery status x3, Printer status x1, RF connection x1, 1 feed/pause button 1 power button	(Colour	Monochrome			
Connectivity							
JSB	USB version 2.0 (high speed, micro)		Full Speed) (Type C) e C w/charging	USB version 2.0 full-s	USB version 2.0 full-speed (mini-B connector)		
Bluetooth	Bluetooth version 5.0	Bluetoot	th version 5.0	Bluetooth 4.2			
Bluetooth profiles	SPP (Serial Port Profile - low energy), GATT (low energy), iAP supported		SPP (Serial Port Profile), C HCRP (Hard Copy Cabl iAP sup	le Replacement Profile)			
MFi support			Yes				
Wireless LAN	-	-	Wireless LAN (5GHz) IEEE 802.11 a/n, 802.11i, 802.11r, WPS2.0 (Infrastructure Mode) Wireless LAN(2.4GHz) IEEE 802.11 b/g/n, 802.11i, 802.11r, WPS2.0 (Infrastructure Mode) IEEE 802.11 b/g/n, 802.11i, 802.11i, (Wireless LAN(2.11d, 802.11i), (Wireless Direct mode)		Wireless LAN IEEE802.11a/b/g/n (Infrastructure mode:[a/b/g/n] / Wire less direct mode:[g/n])		
Wireless LAN security (AdHoc mode)	-	-	-	-	None/WEP		
Wireless LAN security (Infrastructure mode)		-	SSL/TLS1.0/1.1/1.2 (HTTPS, IPPS) SNMPV3, 802.1x (EAP-FAST, PEAP, EAP-TLS, EAP-TTLS), WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA2-PSK (AES), WPA3-SAE (AES)	-	Authentic method (encryption schem *Infrastructure mode -Open system(None/WEP64/WEP12 -Common key authentication (WEP WPA/WP42-PSK (TKIP+AES) • EAP-TAST (TKIP/AES) • EAP-TTLS (TKIP/AES) • EAP-TTLS (TKIP/AES) Authentic method (encryption schem *Wireless direct mode -WP42-PSK (AES)		
					-WFAZ-FOR (ALO)		
Serial	-	-	-	RS-232C *Using	original serial cable		

	RJ-3035B	RJ-3230B	RJ-3250WB	RJ-4230B	RJ-4250WB		
Software / Firmware	2						
Operating system support	Microsoft® Windows 7/8.1/10, Server 2012/R2, 2016, 2019, Mac OS 10.11 or greater, Linux deb/rpm	Microsoft® Windows® 7 / 8.1 / 10 Microsoft® Windows Server® 2012 / 2012 R2 / 2016 / 2019		Windows 7, Windows 8, Windows 8.1, Windows 10	Windows 7, Windows 8, Windows 8,1, Windows 10, Windows Server 2008/ 2008R2, Windows Server 2012 / 2012 R2/ 2016		
Microsoft® WHQL certified drivers	-		Y	es			
SDK availability (visit brother.com.au/ service-and-support/ software-development-kit. html)	Microsoft® Windows 7/8/8.1/10, Android 4.0.3 or later, IOS 7.0 or later, Requires 3rd party app development using Brother SDK.		d 6 or later 0 or later	b-PAC (for Windows) MPrint&PocketJetSDK for Windows Mobile® (for Windows C5 s.0 / 6.0, Windows Mobile 5.0 / 6.x) MPrint&PocketJetSDK for .NET Compact Framework (for Windows CE 5.0 / 6.0, Windows Mobile 5.0 / 6.x) Brother Print SDK for Android™ (for Android) Brother Print SDK for PiPhone/Pack (for IOS)			
Supported printer commands	EPL2, ZPL2, FBPL, CPCL		ZPLII emulation, CPCL emulation,	ESC/P, P-touch Template, Raster			
Barcode symbologies	Linear: CODE 39, ITF(I-2/5), EAN-8, EAN-13, UPC-A, UPC-F, UPC/EAN EXTENSION CODABAR, CODE 128, GS1-128(UCC/EAN 128), POSTNET, GS1 Databar (Omnidirectional/ Truncated/Stacked/Stacked Omnidirectional/Limited/Expanded/ Expanded Stacked), CODE93, MSI/ Plessey, Inteligent Mail Barcode 2-dimensional: QR Code (model 1, model 2, micro QR), Maxi code, PDF417 (Standard, Truncate) MicroPDF417, Data Matrix (Square, Rectangular), AztecCode	CODABAR(NW-7), ĆODĚ128, GŠ DataBar (RSS), CODE93, UPC/EAN E Intelligent Mail Barcode, CODE93, UP Barcode, Industrial 2-of-5, S 2-dimensional: QR Code, PDF41 MicroPDF417, DataMatrix, GS1 Datat MicroPDF417, DataMatrix, GS1 Datat	JAN8), EAN-13(JAN13), UPC-A, UPC-E, I-128(UCC/EAN-128), POSTNET, GS1 XTENSION, MSI, Intelligent Mail Barcode, C/EAN EXTENSION, MSI, Intelligent Mail Standard, 2-of-5, CODE93, MSI 7, MaxiCode, Aztec, Micro QR Code, Jatabar Composite, Micro QR Code, bar Composite, MicroPDF417, DataMatrix par Composite	EXTENSION CODABAR, CODE 128, G Databar(Omnidirectional/Truncated/Stat Expanded/Expanded Stacked), CODE 2-dimensional: OR Code (model 1, m (Standard, Truncate), MicroPDF417	cked/Stacked Omnidirectional/Limited/		
Label Editing Software	BarTender Ultra Lite Edition ¹ (except 4250)	BarTender NiceLabel Teklynx (fr SAP (fo *BarTender, NiceLabel, CODESOF	n Editor 5.4 (for label print)* (for label print)* or lable print) r label print) T are not supported yet. Printer driver after the product launch.	P-Touch Editor 5.4, BarTender Ultra Lite Edition ¹ (except 4250)	-		
Memory							
RAM	32MB		256	MB			
Flash	16MB	12	28 MB	64MB (6MB usable for template transfer)			
Environmental							
Drop protection*	1.8 metres	2 r	netres	2.1 n	netres		
Sealing	IP42		IP	54			
Operating temperature	Operating: -15°C to +50°C	-10°C to 35 10°C to 30°C	-20°C to 55°C °C (with peeler)) (with linerless) / : 0°C to 40°C	Operating: -20°C to +55°C	C / Charging: 0°C to +40°C		
Operating humidity	10% to 90 non-condensing		no condensation) beeler/linerless)	10% to 90% (no condensation)			
Storage temperature	-30°C to +70°C	-20°C	to 60°C	-20C to +60C			
Storage humidity	5% to 90% non-condensing	10% to 90% (no condensation)	10% to 90% (no condensation)			
Power							
Battery	Rechargeable Li-ion (7.4V)	3000 mAh Li-ion E	Battery (Smart Battery)	Rechargeable	e Li-ion (7.2V)		
AC adapter (optional accessory)		110/	220V AC (50/60Hz) to 15V DC (only for ch	arging)			
Car adapter (optional accessory)	12-24V	12V DC (or	ly for charging)	12V DC			
Cradle Charger (opt accessory)	1-bay Cradle Charger	1-bay & 4-ba	y Battery Charger	-	-		
Battery Charger (opt accessory)	1-bay & 4-bay Battery Charger		Yes	-	-		
Roll Holder (opt accessory)	Yes		Yes				
Shoulder Strap (opt accessory)	Yes		Yes	-	-		
Weights/Dimensions	S						
Dimensions	105(w) x 49.5(h) x 116(d)	117mm (W) x 18	0mm (D) x 77mm (H)	153(w) x 68(h) x 159(d) mm		
Weight (including battery)	375g	8	307g	610g (without battery) / 850g (with battery)		
Included items							
Included items	Printer, Li-ion battery (PA-BT-009), Belt clip, Auto-switching power adaptor Documentation	Belt clip, Roll holder, Li-ion smart ba	ttery, Media roll holders, Documentation	Printer, Belt clip, Adjuster g	uide locks, Documentation		







"Made for iPod," "Made for iPhone," and "Made for iPad" mean that an electronic accessory has been designed to connect specifically to iPod, iPhone, or iPad, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod, iPhone, or iPad may affect wireless performance.

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