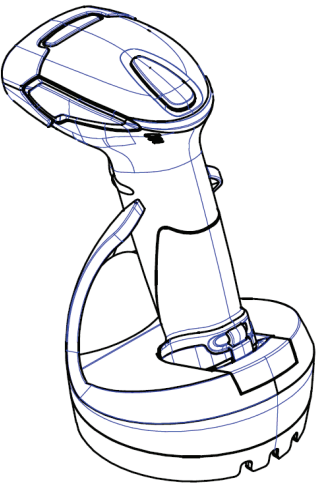


Z-3191BT Wireless Gun Type Handheld Laser Scanner

Device Pin-Out

	MINI USB PIN-OUT CONFIGURATION			
	SCANNER		CRADLE	
	PIN 1.	+5V	PIN 1.	+5V
	PIN 2.	USB_D-	PIN 2.	NC
	PIN 3.	USB_D+	PIN 3.	NC
	PIN 4.	NC	PIN 4.	NC
	PIN 5.	GND	PIN 5.	GND
	CRADLE PHONE JACK PIN-OUT CONFIGURATION			
	RJ 1.	RTS_EIA	RJ 6.	RX_EIA
	RJ 2.	KB Data / USB_D+	RJ 7.	KB Clock
RJ 3.	PC Clock / USB_D-	RJ 8.	+5V	
RJ 4.	GND	RJ 9.	PC Data	
RJ 5.	CTS_EIA	RJ10.	TX_EIA	

P/N	Model Name	Remark
88H-91BT00-000	Z-3191BT	White housing scanner w/mini USB cable (w/o Cradle)
88H-91BT00-001	Z-3191BT (B)	Black housing scanner w/mini USB cable(w/o Cradle)
88H-91BTXX-YC0	Z-3191BT (X)(CR)	White housing w/mini USB cable w/cradle w/interface cable w/adaptor
88H-91BTXX-YC1	Z-3191BT (X)(B)(CR)	Black housing w/mini USB cable w/cradle w/interface cable w/adaptor

* **XX** = interface. Standard options are
 KP = PS/2
 RP = RS232
 UB = USB

* **Y** = DC power adaptor. Standard options are
 A= Australian,
 E= European
 K = UK
 U = US

Battery Recharging


Z-3191BT uses one li-ion battery for wireless operation and the battery has to be charged within the scanner. Users should always use the original battery and charging equipments provided by the ZEBEX to avoid any non-compatible danger or void the warranty,


There are three methods of recharging the battery.


1. Use a mini USB cable to connect the scanner with a host's USB port. The battery is charged by the host.
2. Use a mini USB cable and a USB AC adaptor to connect the scanner with socket on wall. The battery is charged by the socket.
3. Put the scanner on cradle and connect the cradle and host with an interface cable. The battery is charged by the cradle.

[Buyer's Guide]



Standard Accessory






Description	Min USB B to USB A Cable	
Barcode	P/N	Remark
	173-0U0000-150	Black straight cable, length 150cm

Description	Lithium-Ion Battery	
Barcode	P/N	Remark
	191-B25004-201	3.7V, 2500mAH

Description	Cable Clip	
Barcode	P/N	Remark
	572-050000-411	Clip for Mini USB Cable

Optional Accessory

Description	RS-90, Communication & Charging Cradle for Z-319XBT Series	
Barcode	P/N	Remark
	88H-90RSZT-000	White Housing, Metal Base
	88H-90RSZT-001	Black Housing, Metal Base

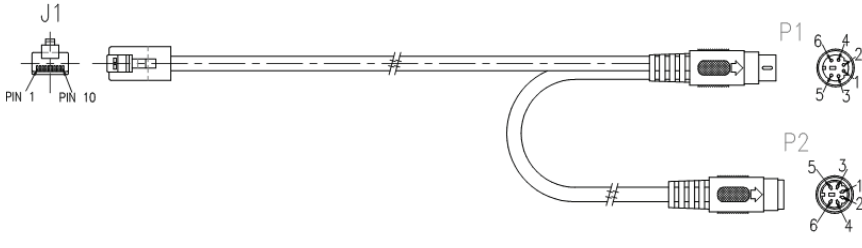

Description	USB AC Adaptor (5V 1A)	
Barcode	P/N	Remark
	11S-500501-U10	Adaptor w/US plug
	11S-500503-U10	Adaptor w/European plug
	11S-500000-028	Universal adaptor w/o plug
	11S-000002-008	Australian plug for universal adaptor
	11S-000000-008	UK plug for universal adaptor

[Buyer's Guide]

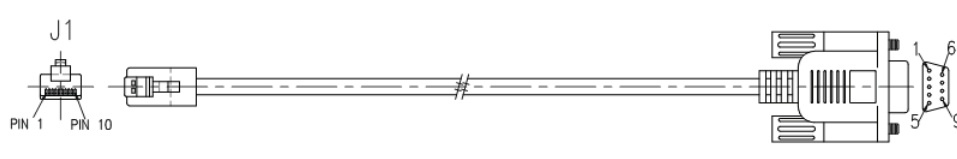

Standard Cable Options

- Each product combination is default to have a mini USB cable to connect scanner and host, such as a laptop.
- As for interface cable, the standard cable options include PS/2, RS-232, USB, virtual COM, OPOS, and etc.
- The standard interface cable is black, straight, and 3 meters (9.8 feet) in length.
- Special Order Requirement:
ZEBEX is capable of supplying special customized cable, given that customers provide detailed pin configurations. The minimum order quantity of a special cable is 250 pcs.

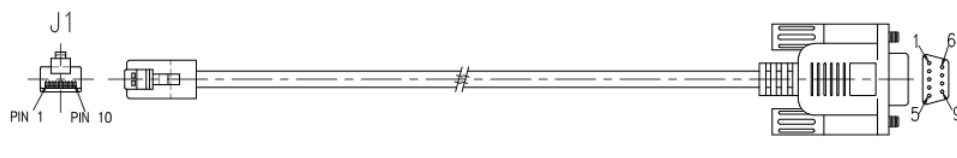

1. Keyboard Wedge Cable (for PS/2)

		PIN-OUT CONFIGURATION			
		MINI DIN (M)		MINI DIN (F)	
DIN	FUNCTION	DIN	FUNCTION		
1.	PC Data	1.	KB Data		
2.	N.C.	2.	N.C.		
3.	GND	3.	GND		
4.	+5V	4.	+5V		
5.	PC Clock	5.	KB Clock		
6.	N.C.	6.	N.C.		
Item Part No.	170-15K100-300				

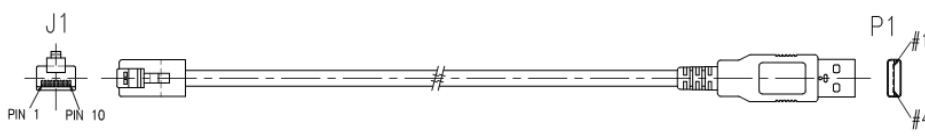

2. RS-232 Cable (DTE pin out)

		PIN-OUT CONFIGURATION			
		DB-9 (F)	FUNCTION		
Item Part No.		2	TX		
		3	RX		
		7	CTS		
		8	RTS		
		5	GND		
170-15R420-300					

3. RS-232 Cable (DCE pin out)

		PIN-OUT CONFIGURATION			
		DB-9 (F)	FUNCTION		
Item Part No.		2	RX		
		3	TX		
		7	CTS		
		8	RTS		
		5	GND		
170-15R410-300					

4. USB / Virtual COM USB / OPOS USB Interface with Detachable Cable Type A

		USB TYPE A CONNECTOR	FUNCTION		
		1.	VCC		
Item Part No.		2.	D-		
		3.	D+		
		4.	VSS		
170-15U300-300					

* Additional software installation may be necessary for activating virtual COM or OPOS USB interface.