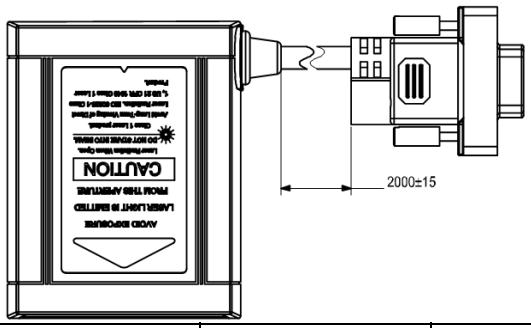
Z-5151 Series
High-Speed Laser Scan Module

Standard Version

Standard Device



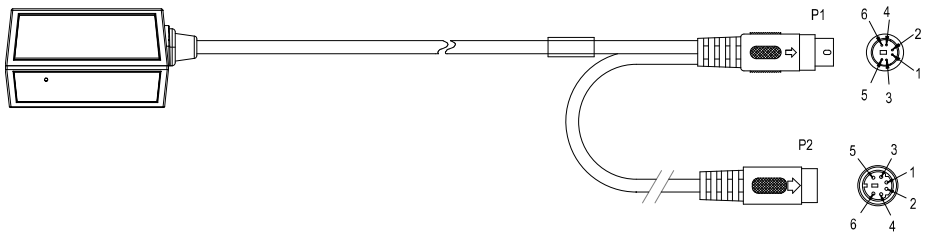
PIN-OUT CONFIGURATION			
1	+5V	2	RTS
3	CTS	4	TX
5	RX	6	KB_DATA
7	PC_CLK		READ_OUT
8	PC_DATA	9	KB_CLK
10	GND		TRIGGER

Barcode	P/N	Model No.	Remark
	88M-5100KP-001	Z-5151(K)	Standard device w/PS/2 cable
	88M-5100RP-001	Z-5151(R)	Standard device w/RS232 cable (DTE pin-out)
	88M-5100ML-001	Z-5151(R)	Standard device w/RS-232 cable (Multi-Interface w/o Connector)
	88M-5100UB-001	Z-5151(U)	Standard device w/USB cable

Standard Cable Options

- The standard cable is black, straight, and 2 meters (6.5 feet) in length.
- The standard cable options include keyboard wedge, RS-232 and USB.
- Special Order Requirement:
  ZEBEX is capable of supplying special customized cables, given that customers provide detailed pin configurations. Please contact your sales representative to further discuss the minimum order quantity of the special cables.

1. Keyboard wedge connection for PS/2 compatible terminal



PIN-OUT CONFIGURATION			
MINI DIN (M)		MINI DIN(F)	
DIN	FUNATION	DIN	FUNATION
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: 170-50K010-200

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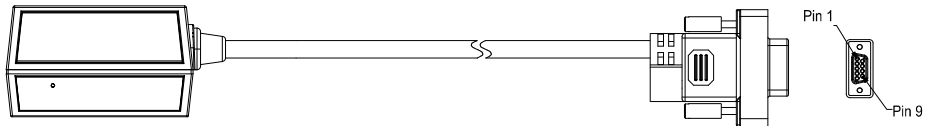
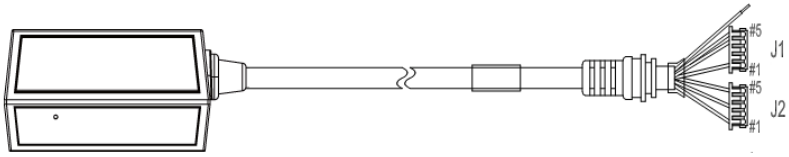
2. RS-232C interface uses detachable cable (DTE pinout)



PIN-OUT CONFIGURATION			
2.	TX	7.	CTS
3.	RX	8.	RTS
5.	GND	9	+5V Input

Item Part No: 170-50R542-200

3. RS-232C interface with multi-interface (2 housing connector)

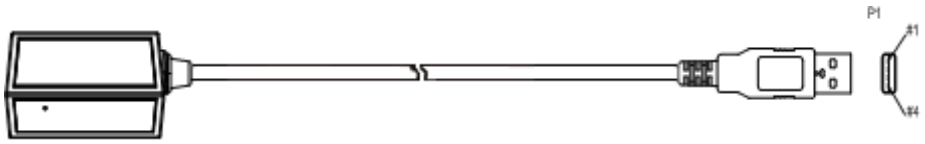


(Note: Cable length 150 cm)

	TRIGGER	WHITE
J1	**FUNCTION**	**COLOR**
#1	RTS	Green
#5	CTS	Blue
#4	GND	Orange (Black heat shrink tube)
J2	**FUNCTION**	**COLOR**
#3	+5V	Red
#5	TX	Purple
#1	RX	Black

Item Part No. 170-50R000-150

4. USB Interface with Type A detachable cable

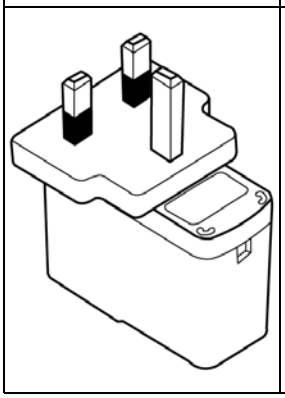
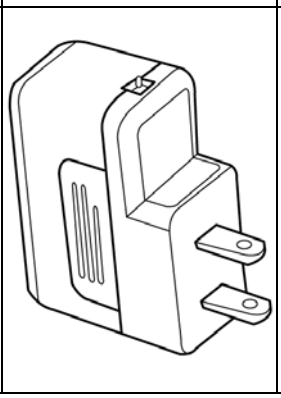
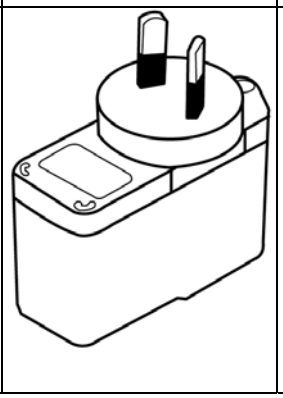
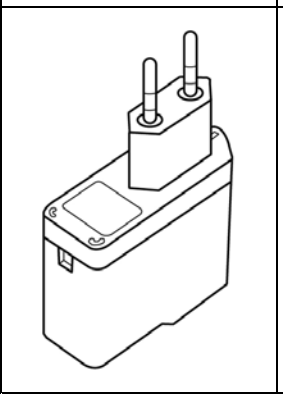
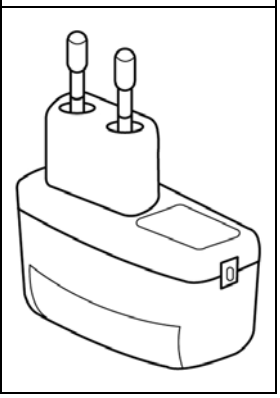


USB TYPE A CONNECTOR	FUNCTION
1.	VCC
2.	D-
3.	D+
4.	VSS

Item Part No:
170-52U032-200
170-52U033-200

Power Adapter

Z-5151 requires a minimum of 210mA at 5 VDC power and consumes power from the host machine. If the host can not supply sufficient power, ZEBEX provides adapters of the following plug types:

UK Plug	US Plug	Australian Plug	European Plug	Korean Plug
				

* The figures are for reference only. The adaptor form factor is subject to change without prior notice.

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