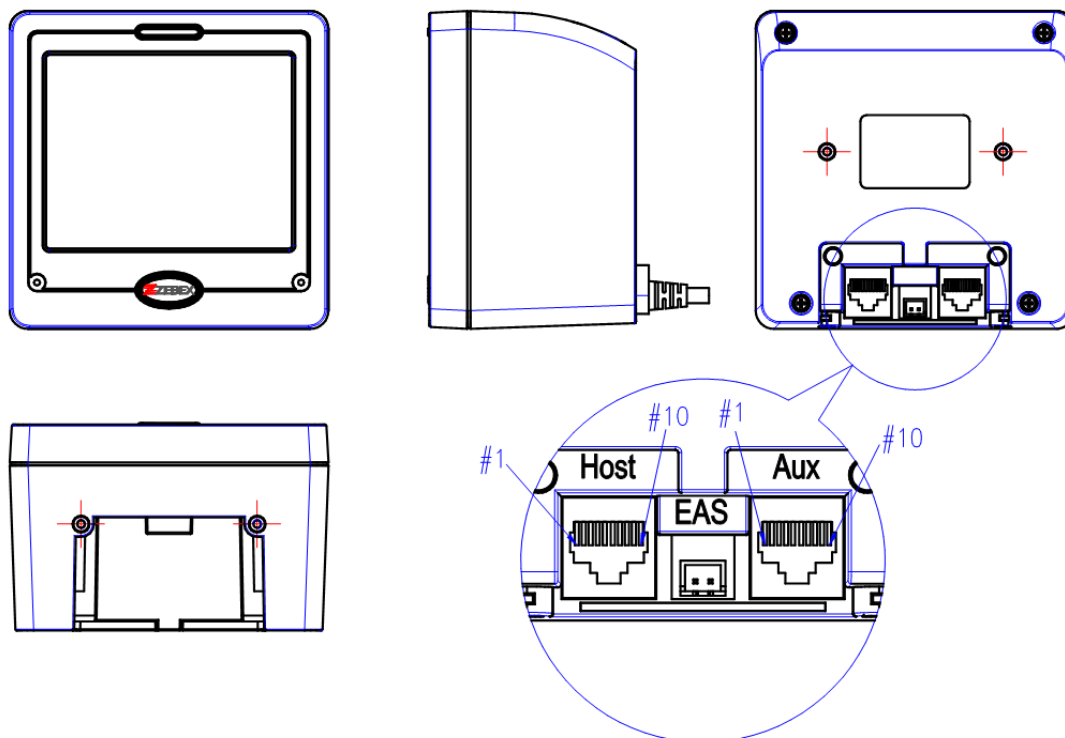


Z-5190

Miniature Dual-Laser Omnidirectional Hands-Free Scanner

Standard Device



Host Port

Pin	Host Function		
	Keyboard Wedge	RS-232C	USB
1	N.C.	N.C.	USB Power
2	+5V		
3	KB CLK		D-
4	PC CLK	RTS	N.C.
5	Ground		
6	N.C.	TX	N.C.
7	N.C.	RX	N.C.
8	KB DATA		D+
9	PC DATA	CTS	N.C.
10	N.C.	N.C.	N.C.

Auxiliary Port

RS-232 IN Only	
Pin	Function
1	Reserved for factory use
2	N.C.
3	+5V output, 100mA max.
4	RTS_R
5	Ground
6	TX_R
7	RX_R
8	NC
9	CTS_R
10	Reserved for factory use

Barcode	P/N	Model Name	Remark
	88M-9000KP-001	Z-5190 (K)	Standard device w/PS/2 cable
	88M-9000R9-001	Z-5190 (R)	Standard device w/RS-232 cable (DCE Pin-out)
	88M-9000RP-001	Z-5190 (R)	Standard device w/RS-232 cable (DTE Pin-out)
	886-8200UB-001	Z-5190 (U)	Standard device w/USB cable

[Buyer's Guide]

Standard Cable Options

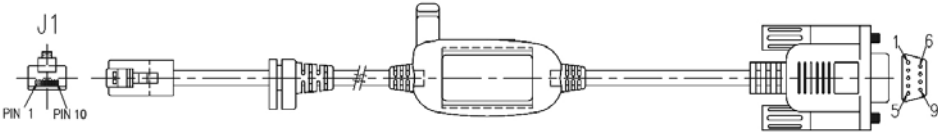
- The standard cable is black, straight, and 2 meters (6.5 feet) in length.
- The standard cable options include PS/2, RS-232, HID USB, virtual COM USB, OPOS USB, and etc.
- Special Order Requirement:
ZEBEX is capable of supplying special customized cable, given that customers provide detailed pin configurations. The minimum order quantity of a special cable is 250 pcs.

1. Keyboard Wedge Cable (for PS/2)

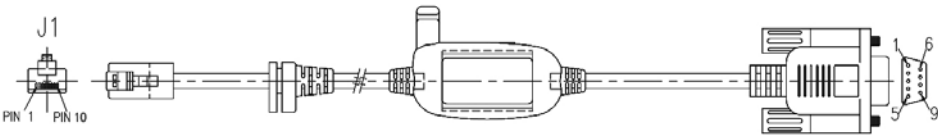
PIN-OUT CONFIGURATION			
P1- MINI DIN (M)		P2-MINI DIN (F)	
DIN	FUNCTION	DIN	FUNCTION
1	PC Data	1	KB Data
2	N.C.	2	N.C.
3	GND	3	GND
4	+5V	4	+5V
5	PC Clock	5	KB Clock
6	N.C.	6	N.C.

Item Part No.	171-43K102-200	
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2. RS-232C Cable

DTE Pin-Out		DB-9 (F)	FUNCTION
		2	TX
		3	RX
		7	CTS
		8	RTS
		9	+5V
		5	GND

Item Part No.	171-43R445-200	
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DCE Pin-Out		DB-9 (F)	FUNCTION
		2	RX
		3	TX
		7	RTS
		8	CTS
		9	+5V
		5	GND

Item Part No.	171-43R435-200	
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3. HID USB / Virtual COM / OPOS Cable

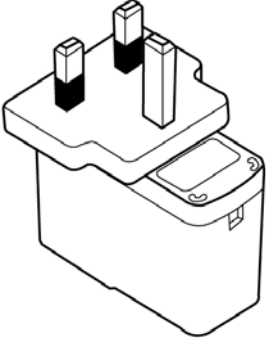
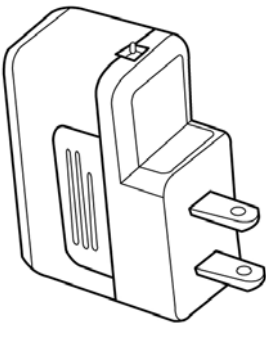
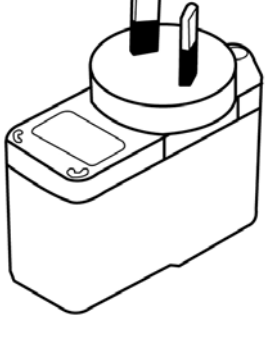
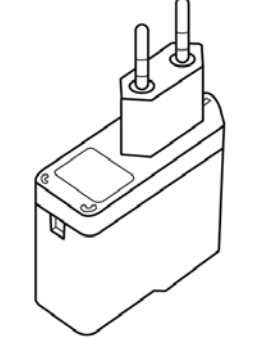
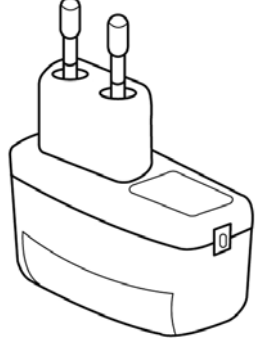
USB TYPE A CONNECTOR		FUNCTION
1	VCC	
2	D-	
3	D+	
4	GND	

Item Part No.	171-43U315-200	
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* Additional software or special firmware may be required for activating USB virtual COM or OPOS USB interface.

Power Adapter

Z-5190 requires a minimum of 320mA at 5 VDC power from external source. For customers around the world, 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.