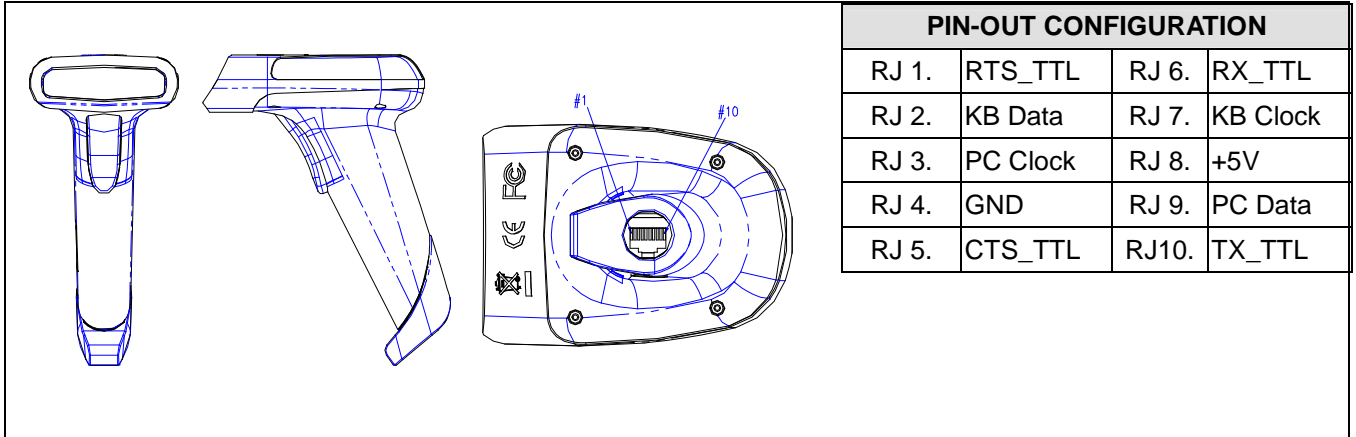


# Z-3021 Handheld Laser Scanner

USB on Board Version

## Standard Device



### PIN-OUT CONFIGURATION

RJ 1.	RTS_TTL	RJ 6.	RX_TTL
RJ 2.	KB Data	RJ 7.	KB Clock
RJ 3.	PC Clock	RJ 8.	+5V
RJ 4.	GND	RJ 9.	PC Data
RJ 5.	CTS_TTL	RJ10.	TX_TTL

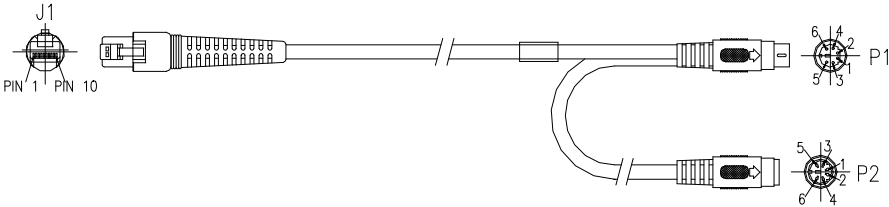

Barcode	P/N	Model Name	Remark
	883-210000-00U	Z-3021	White housing (device only, w/o cable)
	883-210000-01U	Z-3021 (B)	Black housing (device only, w/o cable)
	883-2100KP-00U	Z-3021 (K)	White housing w/PS/2 cable
	883-2100KP-01U	Z-3021 (K)(B)	Black housing w/PS/2 cable
	883-2100R9-00U	Z-3021 (R)	White housing w/RS-232 cable (DCE pin-out)
	883-2100R9-01U	Z-3021 (R)(B)	Black housing w/RS-232 cable (DCE pin-out)
	883-2100RP-00U	Z-3021 (R)	White housing w/RS-232 cable (DTE pin-out)
	883-2100RP-01U	Z-3021 (R)(B)	Black housing w/RS-232 cable (DTE pin-out)
	883-2100UB-00U	Z-3021 (U)	White housing w/USB cable
	883-2100UB-01U	Z-3021 (U)(B)	Black housing w/USB cable
	883-21NB00-00U	Z-3021	White housing w/o cable w/o ZEBEX logo
	883-21NB00-01U	Z-3021 (B)	Black housing w/o cable w/o ZEBEX logo
	883-21NBKP-00U	Z-3021 (K)	White housing w/PS/2 cable w/o ZEBEX logo
	883-21NBKP-01U	Z-3021 (K)(B)	Black housing w/PS/2 cable w/o ZEBEX logo
	883-21NBR9-00U	Z-3021 (R)	White housing w/RS-232 cable (DCE pin-out) w/o ZEBEX logo

	883-21NBR9-01U	Z-3021 (R)(B)	Black housing w/RS-232 cable (DCE pin-out) w/o ZEBEX logo
	883-21NBRP-00U	Z-3021 (R)	White housing w/RS-232 cable (DTE pin-out) w/o ZEBEX logo
	883-21NBRP-01U	Z-3021 (R)(B)	Black housing w/RS-232 cable (DTE pin-out) w/o ZEBEX logo
	883-21NBUB-00U	Z-3021 (U)	White housing w/USB cable w/o ZEBEX logo
	883-21NBUB-01U	Z-3021 (U)(B)	Black housing w/USB cable w/o ZEBEX logo

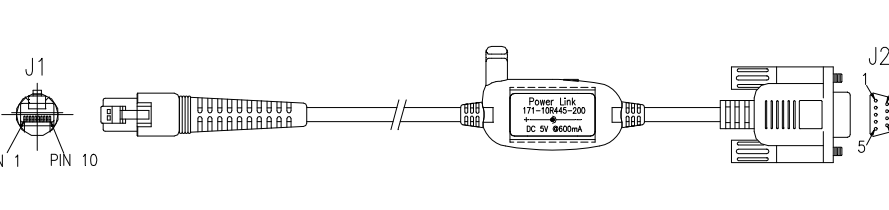

## Standard Cable Options

- The standard cable is gray, straight, and 2 meters (6.5 feet) in length.
- The standard cable options include PS/2, RS-232 (either DCE or DTE pin-out), USB, virtual COM, OPOS, 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.

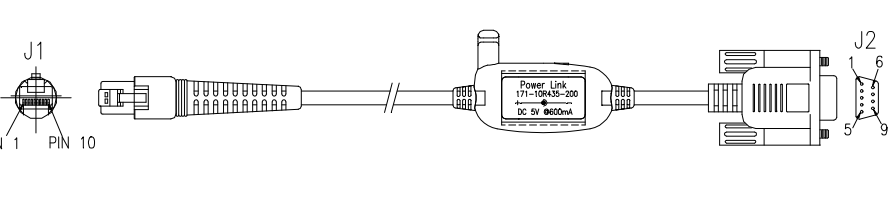
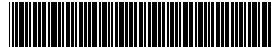
### 1. Keyboard Wedge Cable (for PS/2)

	<b>PIN-OUT CONFIGURATION</b>			
	<b>MINI DIN (M)</b>		<b>MINI DIN(F)</b>	
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.	
<b>Item Part No.</b>	171-10K100-200			

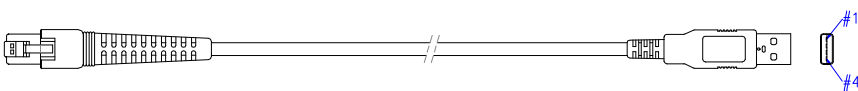



### 2. RS-232C Communication Cable (DTE pin out)

	<b>PIN-OUT CONFIGURATION</b>		
	<b>DB-9 (F)</b>	<b>FUNCTION</b>	
2	TX		
3	RX		
7	CTS		
8	RTS		
5	GND		
9	+5V Input		
<b>Item Part No.</b>	171-10R445-200		

### 3. RS-232C Communication Cable (DCE pin out)

	<b>PIN-OUT CONFIGURATION</b>		
	<b>DB-9 (F)</b>	<b>FUNCTION</b>	
2	RX		
3	TX		
7	RTS		
8	CTS		
5	GND		
9	+5V Input		
<b>Item Part No.</b>	171-10R435-200		

**4. USB Interface with Detachable Cable Type A**

			PIN-OUT CONFIGURATION	
			USB TYPE A Connector	FUNCTION
			1.	VCC
			2.	D-
			3.	D+
4.	VSS			
<b>Standard USB</b>	<b>Item Part No.</b>	171-10U301-200		
<b>Virtual COM USB</b>	<b>Item Part No.</b>	171-10U300-200		
<b>OPOS USB</b>	<b>Item Part No.</b>	171-10U325-200		

- \* Standard USB, USB virtual COM and OPOS USB interface are of the same pin-out but different part number.
- \* Additional software installation may be necessary for activating virtual COM or OPOS USB interface.

**Power Adapter**

Z-3021 requires a minimum of 120mA 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	Austrian Plug	European Plug	Korean Plug
