

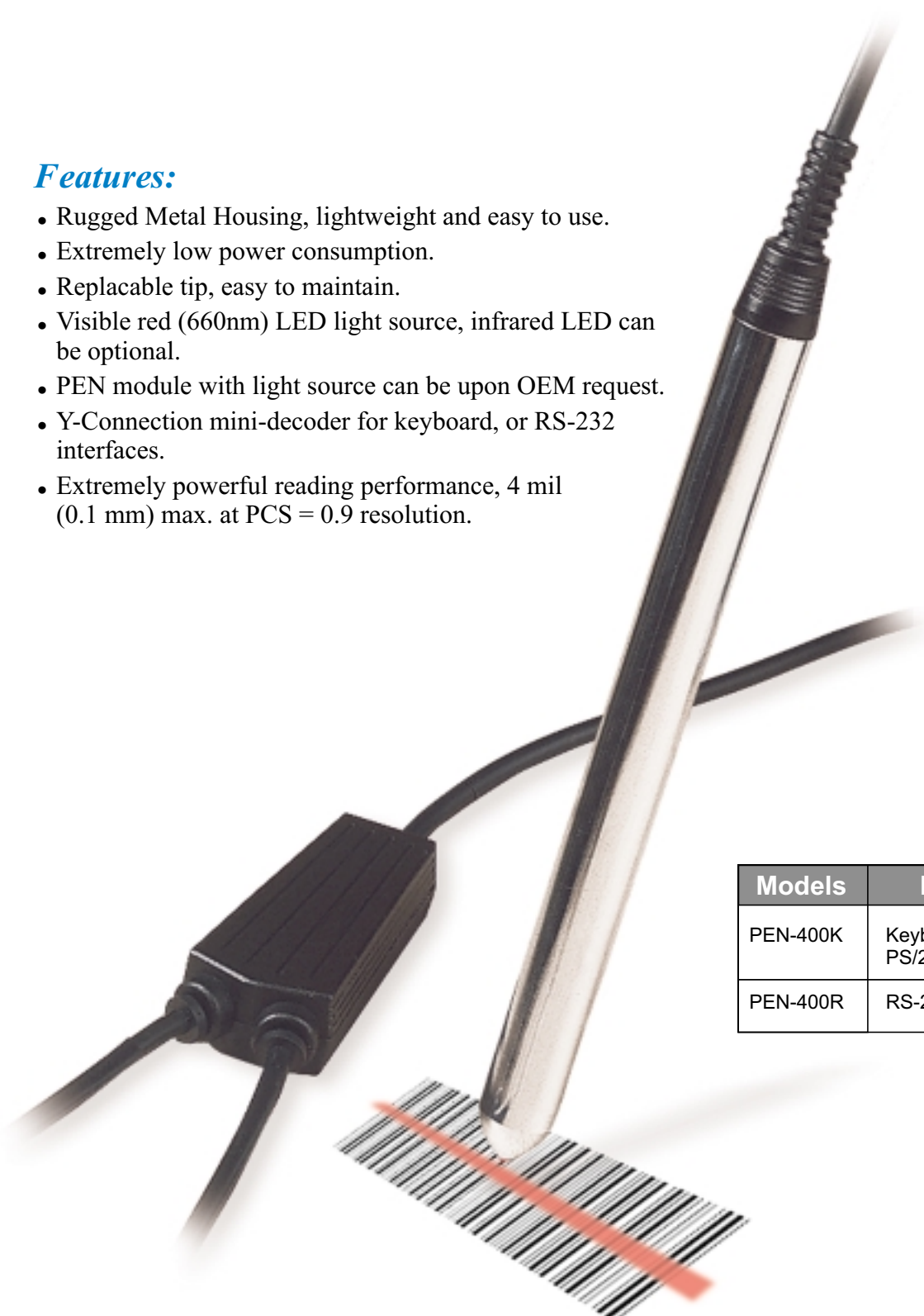
PEN-400 Series

Decoded Pen Scanner

- Low Power Consumption
- High Reading Performance, 4 mil (0.1 mm) resolution
- Mini-Size Y-connection Decoder, called as "Cable Decoder"

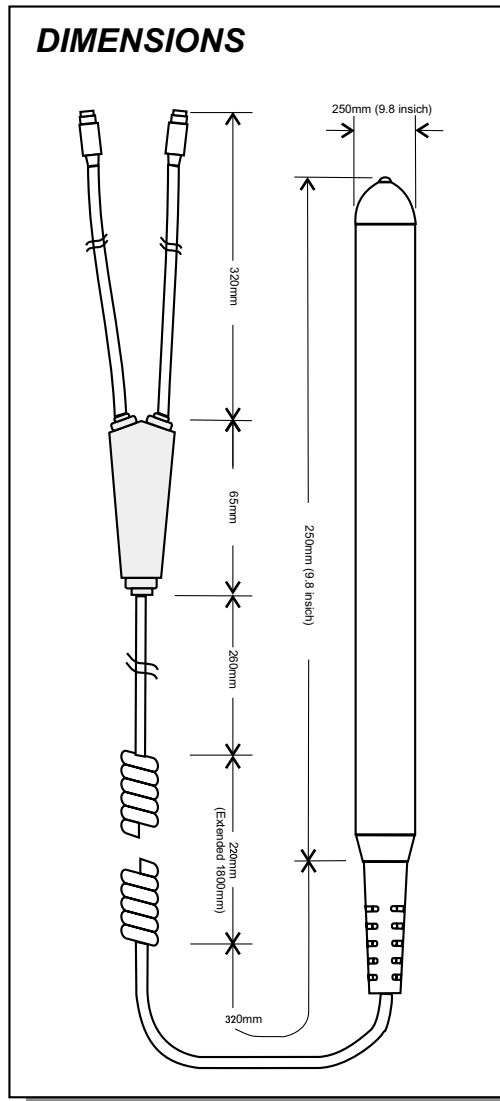
Features:

- Rugged Metal Housing, lightweight and easy to use.
- Extremely low power consumption.
- Replacable tip, easy to maintain.
- Visible red (660nm) LED light source, infrared LED can be optional.
- PEN module with light source can be upon OEM request.
- Y-Connection mini-decoder for keyboard, or RS-232 interfaces.
- Extremely powerful reading performance, 4 mil (0.1 mm) max. at PCS = 0.9 resolution.



Models	Interfaces
PEN-400K	Keyboard Wedge for AT, PS/2, Mac. and etc.
PEN-400R	RS-232C

Specifications:



OPTICAL

Optical Light Source	660nm Red LED 940nm Infrared LED can be optional.
Resolution	0.1mm (4 mils) average Different resolution can be upon request.
Scan Rate	5~500 cm/sec
Reading Angle	0° to 45° from verticle
Min. Narrow Bar	0.10mm at PCS = 0.9 0.18mm at PCS = 0.5

ELECTRICAL

Operating Voltage	+5 VDC $\pm 10\%$
Operating Current	40mA $\pm 10\%$

ENVIRONMENTAL

Operating Temperature	0° to 50°C (32° to 122°F)
Storage Temperature	-20° to 60°C (-4° to 140°F)
Humidity	20% to 85% RH with no condensation

INTERFACE

Connecting	Keyboard Wedge or RS-232
Reading Start Method	Without trigger switch
Barcode Signal	TTL Compatible; Polarity: Black bar = high white space = low
Rise time 10 to 90%	4us (R=1 K)
Fall Time 90 to 10%	1us (R=1 K)

PHYSICAL

Weight	60g (cable not included)
Cable	Coiled Cable
Case Material	Stainless Steel for Pen Body

Barcode Reading

Auto-Discriminates bar codes: Code 39 (Standard & Full ASCII), CODABAR / NW7, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Code 128, Code 93, Code 11, MSI-PLESSEY, ISBN, EAN / JAN/ UPC, etc.
Special code can be requested.

Replacable Cap



ISO-9002 Certified



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