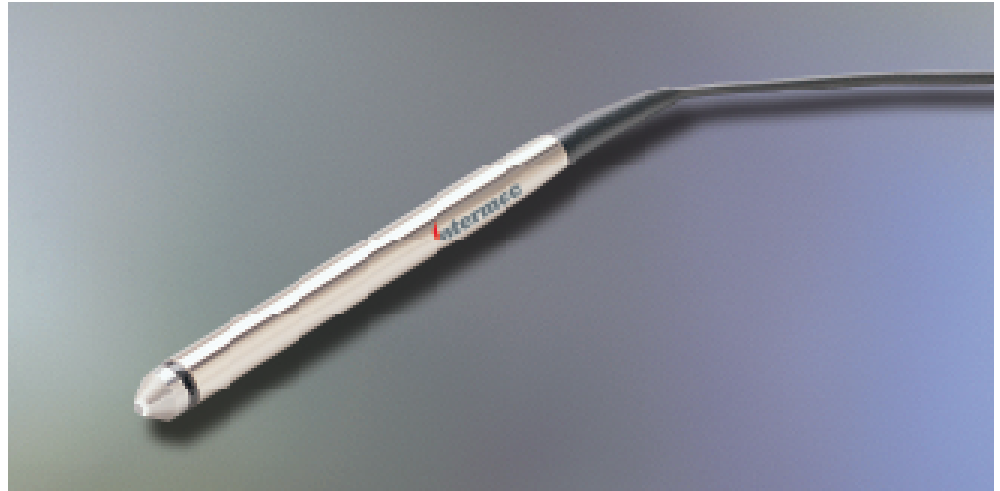


SCANNERBarPen **128X****Benefits:**

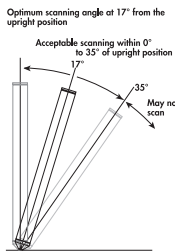
- **Light weight**
- **Economical**
- **Visible light and infrared wands**
- **Replacable sapphire tip**
- **Reads over lamenent bar codes**
- **Built with stainless steel body to resist liquids, dust and dirt**



The BarPen 1280 series wands are a great choice for an economical, lightweight and rugged input device. Each wand has a smooth, long-lasting synthetic sapphire tip in a rugged stainless steel body that resists liquids, dust and dirt. Choose from either visible light or infrared wands to meet your application needs.

The BarPen wands are great for all applications; from sterile environments of clean rooms to the dirt and dust that you encounter in warehouses and manufacturing sites. The BarPen wand with its steel barrel will stand up to the abuse and give many years of uninterrupted use.

BarPen 128X



General

Visible light and infrared wand
Most economical barcode input device

Physical Characteristics

Length: 19.1 cm (7.5")
Diameter: 1.3 cm (0.5")
Weight: 100g (3.53 oz) with standard 8' coiled cable

Optical System

1280, 1281, 1282: 660nm
1283, 1284: 880nm

Environment

Operating: -23° to 50°C (-10° to 122°F)
Storage: -40° to 70°C (-40° to 158°F)
Humidity: Non-condensing (0 to 95%)

Operating Current

35 mA nominal at 4.5-5.5V: 1280
16 mA nominal at 4.3-6.0V: 1281, 1282, 1283, & 1284

Operating Characteristics

1280:
Visible Light Source
Bar Code Density-5 to 7 mils^f
All Printing

1281:
Visible Light Source
Bar Code Density-7 to 12 mils^f
All Printing

1282:
Visible Light Source
Bar Code Density-12 to 40 mils
All Printing

1283:
Infrared Light Source
Bar Code Density-7 to 12 mils^f
Carbon Inks

1286:
Infrared Light Source
Bar Code Density-5 to 7 mils^f
All Printing

^fUpper read range can be extended to 30 mils if grade "A" print quality

Scan Velocity

1280/1286: 5 to 76cm (2 to 29") per second at 5 mils
1281-1283: 5 to 127cm (2 to 50") per second at 10 mils and up

Product Configurations

1280A Visible Light Wand (5-7 mils)

1280A01:
Ultra high resolution
6 pin connection with 8' cable

1280A02:
Ultra high resolution
10 pin connection with 8' cable

1281A Visible Light Wand (7-12 mils)

1281A01:
High resolution
6 pin connection with 8' cable

1281A21:
High resolution
6 pin connection with 20' cable

1281A02:
High resolution
10 pin connection with 8' cable

1281A22:
High resolution
10 pin connection with 20' cable

1282A Visible Light Wand (12-40 mils)

1282A01:
Low resolution
6 pin connection with 8' cable

1282A02:
Low resolution
10 pin connection with 8' cable

1286A:
Ultra high resolution of scanning over lamination (5-12 mils)

1286A01:
6 pin with 8' cable

1286A02:
10 pin with 8' cable

1283A Infrared Wand (7-12 mils)

1283A01:
High resolution
6 pin connection with 8' cable

1283A02:
High resolution
10 pin connection with 8' cable

6-pin connection refers to 94XX & 95XX
10-pin connection refers to 97XX, JANUS & ANTARES

Reading Angle

1280/1286: 10° to 30°
1281-1283: 0° to 35°

Depth of Field

1280/1286: .25 to 1.0mm (0 to 0.040") at 5 mils
1281-1283: 0 to 1.6mm (0 to 0.065") at 7.0 mils and up

Cables

Integral cable for extra durability, cable is coiled for varying lengths

Strain relief is designed to withstand heavy industrial use over an extended period of time

Replacement Tips

062441: Replacement tip for all models

Regulatory Approvals

FCC Part 15
ICES-003 class B
EN 55022
CISPR 22

Where Information Gets Down To Business™

North America • 6001 36th Avenue West • P.O. Box 4280 • Everett, Washington 98203-9280 • 1 (800) 347-2636 tel • 1 (319) 369-3324 fax • Norand Mobile Systems Division • 550 2nd Street S.E. • Cedar Rapids, Iowa 52401 • 1 (800) 452-2757 tel • 1 (319) 369-3453 fax • Amtech Systems Division • 19111 Dallas Parkway, Suite 300 • Dallas, Texas 75287-3106 • 1 (800) 923-4824 toll-free • 1 (972) 733-6600 tel • 1 (972) 733-6699 fax

Europe/Middle East/Africa • Sovereign House • Vastern Road • Reading, Berkshire, RG1 8BT • United Kingdom • +44 118 987 9400 tel • +44 118 987 9401 fax

Asia Pacific/Latin America • 6001 36th Avenue West • P.O. Box 4280 • Everett, Washington 98203-9280 • 1 (800) 347-2636 tel • 1 (319) 369-3324 fax

Label Products and Supplies • North America • 1 (513) 874-5882 tel • 1 (513) 874-8487 fax • or 1 (800) 227-9947 tel • 1 (800) 227-1707 fax • Latin America/Asia Pacific • 1 (513) 870-7930 Int'l phone • 1 (513) 874-3613 Int'l fax • Europe/Middle East/Africa +31 24 372 3100 tel • +31 24 378 0070 fax

World-Wide Fax Document Retrieval Service • 1 (650) 556-8447 tel • 1 (800) 755-5505 (North America Only)

Internet • www.intermec.com **E-mail** • info@intermec.com

Copyright © 1998 Intermec Technologies Corporation. All rights reserved. All trademarks are the property of their respective owners. Contents subject to change. Printed in the U.S.A. #608553 10/98