

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

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

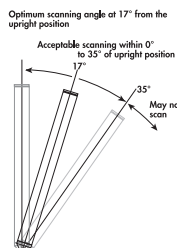


The BarPen 1280 series wands are a great choice for an economical, lightweight and rugged input device. Each wand has a smooth, long-lasting synthetic sapphire tip in a rugged stainless steel body that resists liquids, dust and dirt. The wand also features a detachable cable, allowing customers to switch between interfaces (10-pin Stewart, 9-pin squeeze, etc). It also gives the user a very economical way to replace the most often damaged component in everyday use, the cable. Replacement of the

cable gives the product longer life. Choose 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, 1286: 660nm
1283: 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 & 1286

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

1280B Visible Light Wand (5-7 mils)
1281B Visible Light Wand (7-12 mils)
1282B Visible Light Wand (12-40 mils)
1283B Infrared Wand (7-12 mils)
1286B Ultra high resolution of scanning over lamination (5-12 mils)

Reading Angle

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

Depth of Field

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

Cables

All cables will work with any of the BarPen 128XB wands.

069444-001: 6-pin, 2.4 m (8') connection refers to 94XX & 95XX

069444-002: 10-pin, 2.4 m (8') connection refers to 9730, JANUS & ANTARES

069444-005: 9-pin squeeze, 2.4 m (8') connection refers to port 4 on 9730

069444-006: 6-pin 2.4 m (8') connection refers to MicroBar NX, MaxiLan & UBI

069444-021: 6-pin, 6.1 m (20') connection refers to 94XX & 95XX

069444-022: 10-pin, 6.1 m (20') connection refers to 9730, JANUS & ANTARES

Replacement Tips

062441: Replacement tip for all models

Regulatory Approvals

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

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