

Ergonomic Design

Slim and comfortable grip

The grip is 21mm thick and 44mm wide, and fits in the palm of a small hand. Weights only 170g with batteries.

High-speed scanning laser engine

The laser engine scans an average of 100 times per second. Reads various barcodes quickly and accurately.

Angled laser beam for easy scanning

Laser beam radiation angle is 45° and designed for easy scanning in various positions. Wrist fatigue reduced to an absolute minimum.

Easy-to-Use Design

Large display, easy to see

Two types of display mode for easy checking: 16-dot characters displayed with 16 characters x 6 lines and 12-dot characters displayed with 21 characters x 8 lines in large characters.

Three keys for comfortable operation

The programmable "L" and "R" keys and "ENT" key assure speedy input and minimum key use.

Backlight keyboard

The key illumination function enables keying even in dim light condition.

Vibration

A loud buzzer and vibrator in the terminal make it easy to use in noisy areas.

Reliable and Rugged Design

Long battery life

Alkaline batteries power the terminal continuously for 100 hours. Less frequent battery changes.

Data backup by flash memory

Program and data are protected by the backup battery and a flash ROM even if the power of the main battery becomes low.

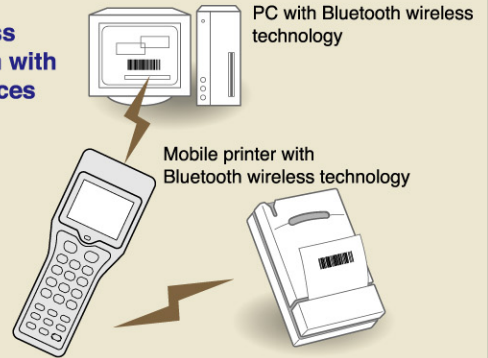
Rugged construction

The design incorporates shock dispersion technology, the best in the industry. Your valuable data will be protected.

Water resistant

Resistant to rain. No need to worry about rain or touching with wet hands.

Smooth wireless communication with peripheral devices



PL4001B Hardware Specification

CPU	16bit CPU	
Memory	FROM 8MB, SRAM 1MB	
LCD	Display	128 x 96 dots
	Kanji	8 chara. x 6 lines (16-dot font) 10 chara. x 8 lines (12-dot font)
	Alphanumeric	16 chara. x 6 lines (16-dot font) 21 chara. x 8 lines (12-dot font)
	Display device	Monochrome FSTN LCD
Keyboard	Backlight	White LED
	Adjust contrast	Adjustable by software
Interface	Bluetooth	Standard: Bluetooth Ver. 1.1 Power: Class 2
	IrDA	Standard: SIR Ver. 1.0 compliant
		Speed: 115.2kbps max. Distance: 1m max.
Buzzer	Magnetic buzzer (Variable loudness and tone by software: 3 levels)	
Guidance LED	2-color (Red/Green)	
Vibrator	Provided	

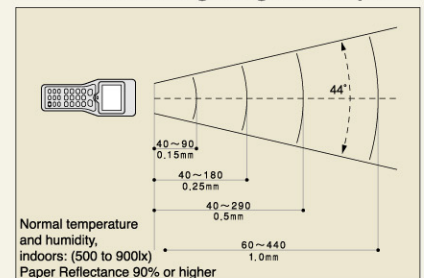
Scanner	Type	Visible laser diode
	Wavelength	650nm
	Scan speed	100 ±20 scans/sec.
Main Battery	Resolution	0.15mm
	Type	Alkaline dry cell (AAA) x 2 pcs. Rechargeable Ni-MH cell (AAA) x 2 pcs.
Backup Battery	Operating time	Dry cell: approx. 30 hours Ni-MH cell: approx. 20 hours
	Type	(1-reading, and transmitting & receiving with Bluetooth / 20sec.) Rechargeable Li battery on board
Appearance	Dimensions	160 x 61 (44) x 21 mm
	Color	Gray
Weight		Approx. 170g
Environment	Operating temp.	0°C to 50°C
	Operating humidity	20% to 80% RH (no condensation)
	Durability for dropping	From 1.5m above concrete floor
	Protection	Waterproof

* Changes to specifications may be made without notice.

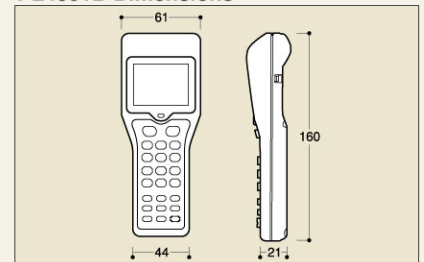


Optical Communication Adapter(CPL401/CPL401L)

PL4001B Scanning Range and Depth



PL4001B Dimensions



Radio Wave Cautions

The operating frequency band of this equipment is used by industrial, scientific, consumer and medical equipment including microwave ovens, premises radio stations for identifying mobile units used in the manufacturing lines of plants (radio stations requiring a license), specified low power radio stations (radio stations requiring no license) and amateur radio stations (radio stations requiring a license). 1) Before using this terminal, confirm that a premises radio station for identifying mobile units, a specified low power radio station, or an amateur radio station is not being operated nearby. 2) In the event of this terminal causing harmful radio wave interference with a premises radio station for identifying mobile stations, promptly change the operating frequency or stop radio wave emission. Then contact the following address and consult over the measures to be taken to avoid interference such as by installing a partition. 3) In the event of this terminal causing harmful radio wave interference with a specified low power radio station for identifying mobile units or an amateur radio station, or causing other problems, please contact the Sales Department of SUMITOMO ELECTRIC HIGHTECHS CO., LTD.

Radio Wave Type and Interference Distance

2.4 FH 1

- Shows that this radio equipment uses the 2.4GHz band.
- Shows that modulation scheme is the FH-SS system.
- Shows that the estimated interference distance is 10m or less.
- Shows that the full band is used and that the band of the mobile station device cannot be avoided.

 **SUMITOMO ELECTRIC SYSTEM SOLUTIONS CO., LTD.**

Information Devices Division

Sales Department
1-43-5, Sekiguchi, Bunkyo-ku, Tokyo 112-0014, Japan
Phone +81-3-5273-7579 FAX +81-3-5273-7584

E-mail:handy@seiss.co.jp http://www.joki.seiss.co.jp/

This brochure is printed on 100% recycled paper.