



OPT 6000

CCD bar code scanner
with 65 mm aperture

The OPT6000 scanner automatically scan a bar code on approach. This CCD scanner has a scan rate of 200 scans per second and will process every scan. It can easily read both high density labels and dot-matrix labels, as well as many coloured labels.

The low power consumption of the OPT6000 and his easy connection to a host computer or P.O.S. system make sure that this scanner is ready for use in any occasion you need it. Simply take the scanner at hand to scan the barcodes on reference lists, packages, or bulkier items.

The OPT series supports several interfaces. The standard options are the popular RS232, wedge or USB interface.

A variety of parameters can be configured by the user through a bar code configuration manual.

Features

- Can read both marginal quality and high density labels
- Low power consumption
- Interface at choice

Benefits

- Allows this scanner to have many applications
- Can be connected to any computer
- Connects directly to the applicable computer system



ST06
Optional: stand for OPT6000
for desktop use

OPT6000 CCD bar code scanner with 65 mm aperture

Electrical specifications

Voltage requirement	5V ± 5%
Current consumption	max. 100 mA
Idle current	30 mA

Optical specifications

Light source	630 nm red LED
Photo sensor	2k element CCD
Scan rate	200 scans/sec
Reading width	65 mm
Resolution at PCS 0,9	0.127 mm (5 mil)
Min. PCS Values	0.45
Depth of field	30 mm (EAN13, PCS0.9, density 0.33)

Supported symbologies

Chinese Post
Codabar
Code 39
Code 93
Code 128
EAN-8 incl. +2,+5
EAN13 incl. +2,+5
IATA
Industrial 2of5
Interleaved 2of5
ISBN
ISSN
Laetus
Matrix 2of5
Italian Pharmaceutical
MSI/ Plessey
UK/ Plessey
Telepen
UPC-A incl. +2,+5
UPC-E incl. +2,+5

Functionality

Trigger modes	manual RS 232
Interfaces supported	<input type="checkbox"/> RS232 <input type="checkbox"/> keyboard wedge XT/AT/PS2 <input type="checkbox"/> USB
Configuration	over 300 parameters can be set by RS 232 menu book or setup program

Environmental specifications

Temperature	<input type="checkbox"/> 0 - +40 °C in operation <input type="checkbox"/> -20 - +60 °C in storage
Humidity	<input type="checkbox"/> 20 - 80 % (non condensing) in operation <input type="checkbox"/> 20 - 90 % (non condensing) in storage
Shock:	drop:1.5 m drop onto concrete surface vibration:12 - 100 Hz with 2G for 1 hour
Cable	1.000.000 bendings at 90° with 500g
Ambient light rejection	<input type="checkbox"/> fluorescent: 3000 lux max. <input type="checkbox"/> white light: 2000 lux max.
Emission	According to EN50081, part I
Immunity	According to EN50082, part I

Physical specifications

Dimensions (l x w x d)	152 x 72 x 22. mm
Case material	ABS
Weight	<input type="checkbox"/> body :ca. 90 g <input type="checkbox"/> cable: ca. 110 g <input type="checkbox"/> wedge adapter cable: ca. 25 g
Cable length (straight)	<input type="checkbox"/> RS232 and USB : 2000 mm <input type="checkbox"/> wedge : 2400 mm <input type="checkbox"/> wedge adapter cable 240 mm
Standard connector	<input type="checkbox"/> RS232: DB9 female with external power <input type="checkbox"/> USB: USB-A <input type="checkbox"/> keyboard wedge: DIN5 female and miniDIN6 male Adapter cable: DIN5 male / miniDIN6 female

