

XPT 3125

barcode scanner
with CCD

The compactly designed XPT3125 scanner can scan a barcode on approach. The user can choose to scan automatically or to use the triggerkey provided on the scanner. The XPT3125 scanner can easily read both high density labels and dot-matrix labels, as well as coloured labels.

This scanner is very well suited for retail applications, for example on a counter. Because of the compact design and the low power consumption the XPT3125 scanner is also well suited for portable applications.

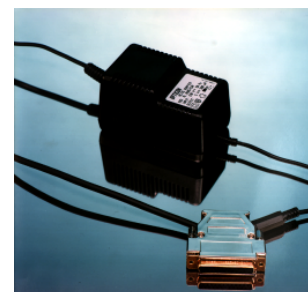
The XPT3125 scanner features built in interfacing including RS232, keyboard wedge and wand emulation. The housing of the scanner is equipped in such a way that a new cable can easily be exchanged (by the user), without dismounting the whole scanner. In two simple steps the scanner can be connected to an other device.

To adapt the scanner to each application a variety of parameters can be programmed by the user through a bar code programming manual.

Features

Benefits

■ Large depth of field	■ Allows reading without touching the barcode
■ Low power consumption	■ Ideal to use with portable terminals
■ Internal decoder and interfaces	■ Connects directly to most popular computer systems
■ Can read both marginal quality and high density labels	■ Allows this scanner to have many applications
■ User friendly cable exchange	■ Flexibility to connect new interfaces
■ Flash Rom implemented	■ Possibility to update driver software



RS232

Optional: RS232 connector with external power supply

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Electrical specifications

Voltage requirement	5V $\pm$ 10 %
Current consumption	max. 70 mA
Start up current	max. 500 mA
Rush current	max. 100 mA (0.3 ms when trigger activated)
Idle current	max. 20 mA (reader connected but not triggered)

Optical specifications

Light source	660 nm red LED
Photo sensor	2K element CCD
Scan rate	200 scans/sec
Decode rate	200 decodes/sec
Reading width	60 mm
Resolution at PCS 0,9	0,10 mm (4mil)
Min. PCS Value	PCS 0.3
Depth of field	0 - 30 mm (UPC PCS0.9, density 0.39)

Supported symbologies

Codabar incl. ABC and CX
Code 39
Code 93
Code 128
EAN-8, incl. +2,+5
EAN-13, incl. +2,+5
EAN-128
IATA
Industrial 2of5
Interleaved 2of5
ISBN
Laetus
Matrix 2of5
Italian Pharmaceutical
MSI/Plessey
UK/Plessey
S-Code
Telepen
UCC/EAN
UPC-A incl. +2,+5
UPC-E incl. +2,+5

Functionality

Trigger modes	☐ manual ☐ RS 232
Configuration	over 200 parameters can be set by RS 232 menu book
Interfaces supported	☐ RS232 ☐ keyboard wedge ☐ linker (wand emulation) Interfaces may be changed by cable or interface box.
Upgradeability	New interfaces are implemented in extension software which can be downloaded via the cable.

Environmental specifications

Temperature	☐ -10 - 40 °C in operation ☐ -20 - 60 °C in storage
Humidity (non condensing)	☐ 20-90 % in operation ☐ 20-90 % in storage
Shock: drop:	1 m natural drop onto a concrete floor
vibration:	10 - 100 Hz with 2G for 3 hours
packed drop:	1.5 m natural drop onto a concrete floor
Cable	300.000 bendings at 90° with 500g
Ambient light rejection	☐ fluorescent 3.000 lux max. ☐ incandescent 2.000 lux max.
Emission	According to EN50081, part 1
Immunity	According to EN50082, part 1

Physical specifications

Dimensions (l x w x d)	158 x 73 x 46 mm
Case material	ABS
Weight	☐ body 110 g ☐ cable 115 g
Cable length	☐ collapsed 1200 mm ☐ extended 2500 mm ☐ coiled part 300 mm
Standard connector	☐ RS232: DB25 female with external power ☐ keyboard wedge computer or terminal dependent ☐ other connectors available on request

Specifications are subject to change without notice. Printed 07-1999