

product specifications

scanner performance

Features integrated decode capability—cable connects directly into PC or terminal

Configurable for many point-of-sale terminals

Responds quickly between scans for increased operator efficiency

Allows hands-free scanning with the optional document stand for ease of use

Reduces user fatigue due to its lightweight design

Provides a high level of accuracy with virtually no substitution errors

Preferred choice of many retail employees

physical characteristics

Length

10.2 cm (4.0")

Height

16.8 cm (6.6")

Width

7.1 cm (2.8")

Weight

210 g (7.5 oz.) without cable

optics system

Depth of Field

0 cm to 102 cm (0" to 40")

Nominal Scan Rate

35 scans/second

Wavelength (nominal)

670 nm

Maximum Pitch

± 5°

Maximum Skew

± 6°

Laser Class

2



operating current

135 mA nominal at 5V

environment

Storage

-40° to 70°C (-40° to 158°F)

Humidity

Non-condensing (5% to 95%)

Drop Test

1.5 m (5') on concrete

Operating

-18° to 50°C (0° to 122°F)

Scanner with boot operates at lower temperatures

Electrostatic Discharge

15 KV to any external surface

Dust and Rain

MIL-STD-810D, Sections 510.2 I and 506.2II

regulatory agency approvals

UL 1950; CSA C22.2 #220-M1986; TÜV to EN 60950 & EN 60825 Class 2 Laser; EN 55022; CDRH Class II Laser; FCC Part 15 Class A; SOR/88-475 Class A; CE Marked; EN 50082-1

bar codes

Bar Code Width	Depth of Field
5.0 mil	2.0–7.5 cm (.5–3")
7.5 mil	0.0–17.5 cm (0–7")
10.0 mil	0.0–30.0 cm (0–12")
15.0 mil	0.0–40.0 cm (0–16")
20.0 mil	0.0–50.0 cm (0–20")
40.0 mil	*–75.0 cm (*–30")
55.0 mil	*–100.0 cm (*–40")

*depends on label width

product configurations

Interfaces

1516A02 RS-232
1516A03 IBM 4683/84
1516A05 NCR OCIA
1516A06 Fujitsu
1516A07 IBM PC wedge
All cables sold separately

CAUTION



LASER LIGHT
DO NOT STARE INTO BEAM

670nm LASER DIODE
1.0 MILLIWATT MAX OUTPUT
CLASS II LASER PRODUCT



**print!
capture!
connect!**

1516

**integrated
decode
bar code
laser scanner**

north america

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