



Nexus N-3030



Introduction

The choice of every retailer!

Setting the new benchmark for omni-directional scanning, the Nexus N-3030 takes a unique position in the market. With an unequalled 2480 scans/second and a unique scan pattern of 24 scan lines, the Nexus is the choice of every retailer who wants to optimize counter environment with a winning scanner performance and a great design!

The special flexible stand enables the retailer to position the scanner to the wishes of the operator, ensuring an ergonomic use.

The Nexus is ideally suited for drugstores, pharmacies, department stores, petrol stations and supermarkets. Special stitching software enables it to read poorly printed and damaged codes, an USB interface connects it to the latest POS-systems and the Nexus is equipped with an EAS deactivation antenna to ensure compatibility to all RF security systems.

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Features

- The 7 directions scan field of the Nexus generates a large volume reading zone with a scan pattern of 24 lines, ensuring high performance omni-directional scanning.
- The Scantech ID STAR code reconstruction software allows easy reading of truncated, damaged and substandard bar codes.
- The Nexus can be installed fixed on a counter surface or on a flexible, rotating stand. The stand can be rotated and tilted in the direction that the operator likes it best to work with in order to optimise efficiency at the checkout. The flexible stand also has a cable guide through the centre to cleverly connect the cables to the scanner without leaving them into sight on the counter.
- The Nexus comes in two interface versions: RS232/OCIA or IBM RS485/KBW/USB/Powered USB. This makes multiple installations and migration from one PoS system extremely easy.
- An auxiliary port for connecting a hand held scanner is standard, just as the EAS deactivation antenna for the use with RF security systems.

Specifications

Physical Characteristics

Depth	61 mm / 135 mm (with stand)
Width	135 mm / 135 mm (with stand)
Height	146 mm / 215 – 237 mm (with stand)
Weight	500 g / 675 g (with stand)
Colour options	Black, White

Electrical

Power Supply Voltage	100 – 240 V ac , 50/60 Hz
DC input to scanner	5.2 V dc (450 mA) or 8 – 16 V dc (3 Watt)

Interfaces

RS232/OCIA
RS485/KBW/USB/Powered USB

Scanner Characteristics

Light source	630 – 670 nm visible laser diode
Depth of field	300 mm
Scan pattern	7 direction scan field, 24 lines scan pattern
Scan rate	2480 scans/second
Barcode types	EAN/UPC/JAN including Add-On, Code 128, EAN 128, Code 39, Code 93, Code 32 (It. Pharmacode), Codabar, Interleaved 2/5

Environmental

Operating Temp 0°C - 40°C

Humidity 0% ~ 95% RH (non-condensing)

Safety

Laser Safety IEC 825 – 1 (1993) Class I, U.S. CDRH: 21CFR1040 Class IIa

Electrical Safety EN 60950 (second edition)
UL1950, c – UL (according CSA22.2.950)

Radio and TV Interference EN 55022 Class B (1994), FCC part 15
Class B (1992)

Radio Frequency Immunity EN50082 – 1 (1992)

Regularity of Compliance:

CE, FCC and RoHs compliant 



Due to ChampTek's / Scantech ID's continuing product improvement programs, specifications and features are subject to change without notice.