



Desk Station **BNX-5030**

The **RFID Desk Station** device identifies multiple items in bags and boxes, tagged with RFID.

It is used for the preparation and verification of online orders and shipments to customers or stores.

The Desk Station device is fully integrated with the Cixxonia platform, so that the information of all the device operations is updated automatically and in real time, improving the control and management of the logistics chain.

Features

- Easy to install and easy to use
- Fully integrated with CIXXONIA platform and ERP for order validation
- Different screen option depending on manufacturing processes
- Surface or flush mount

RFID Reader specification

- Air Interface Protocol EPCglobal UHF Class 1 Gen 2 (ISO 18000-63)
- Antenna Ports 4 (up to 32 with antenna hubs)
- Transmit Power Adjustable up to 33 dBm
- Operating Frequencies 860-960 MHz
- RX Sensitivity -84 dBm
- Return Loss 10 dB
- Modulations DSB, SSB and PR-ASK
- Reader Mode DRM (Dense Reader Mode)
- Supported Regions US FCC 47 CFG Ch. 1 Part 15 ETSI
- All worldwide regions: EN 302 208-1 (V1.4.1)

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Interfaces

Network	10/100 BASE-T Ethernet (FastEthernet)
USB Ports	1 Host (Type A)
HDMI	Single port
Antenna	Near Field
SPI	Yes, external I/O controller

Power Features

Voltage (DC)	88-264 VAC
Power Consumption	12 W
Connector	IEC-C14

Physical Features

Operating Temperature	0°C to 60 °C
Humidity	5% to 95%, non condensing
Dimensions (H x W x D)	650 x 500 x 750 mm
Weight	5 Kg

Processor and operating system

Processor	AM3358 1-GHz Sitara™ ARM® Cortex®-A8 32-Bit RISC
RAM	512 Mbytes SDRAM DDR3
FLASH	4 Gbytes eMMC Flash
OS	Debian 10