



Radio hand-held scanner BCS 370^{ex}

Features

- immune to direct exposure from normal office and factory level lighting
- high resistance
- all common barcodes readable
- 35 scans per second
- free movement during data acquisition, up to a distance of 30 m from the radio receiving station

Description

As innovative as it is rugged, the wireless radio hand-held scanner BCS 370^{ex} from BARTEC delivers the sophisticated ergonomic and operational features industrial applications demand.

The radio hand-held scanner BCS 370^{ex} is able to easily read all conventional 1D-barcodes. Via the key pad, alphanumerical data can be entered and presented on the display.

The radio hand-held scanner BCS 370^{ex} is equipped with a license-independent software, which offers the user the possibility of manually entering alphanumerical data, scanning all conventional 1D-barcodes and transferring them online via radio to the host system for evaluation and further processing. The BCS 370^{ex} has a robust housing, an internal shock absorber and an ultrasonic welded window. This means that the BCS 370^{ex} is suitable for the hardest industrial conditions. With these measures the scanner can withstand a drop to concrete of 1.8 m.

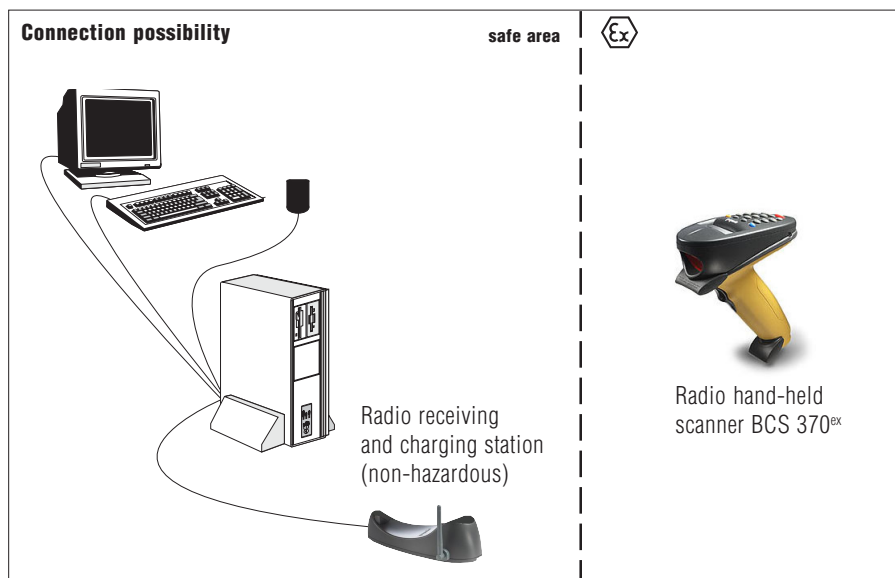
Design

The BCS 370^{ex} radio hand-held scanner with integrated decoder has been designed for wireless real-time data acquisition and allows for a highly efficient operation in production halls, warehouses and other application sites.

During data acquisition, the user is able to freely move within a distance of up to 30 m around the radio receiving station. The BCS 370^{ex} radio hand-held scanner features the intrinsic safety type of protection and can be directly applied in hazardous areas of zone 1 or 2.

Base Station

The charging station (cradle) serves, at the same time, as radio receiving station and is installed in non-hazardous areas. By means of a RS232 cable, the base station can be connected to all conventional hosts.



Explosion protection

Ex protection type

Ex II 2G EEx ib IIC T4

Certification

IBExU 04 ATEX 1060

Ambient temperature

-20 °C to +40 °C

Storage temperature

-20 °C to +40 °C

Technical data

Decode capabilities

all common barcodes

Scan rate

35 scans per second

Scan angle

42° ± 2°

Light source

650 nm laser diode

Scan element type

Retro-collective

Radio specifications

Radio range

max. 30 m
side-by-side with existing
Spectrum 24 systems

Frequency

2.4 GHz point-to-point narrow band,
82 user-selectable channels

Output power

< 10 mW

Weight

approx. 400 g

Humidity

5 % bis 95 % (non-condensing)

Dimensions (height x length x width)

173 mm x 150 mm x 74 mm

Protection class

IP 64

Power supply

1100 mAh lithium-ion battery
BARTEC Type: 17-21BE-0008

Order no.
Radio hand-held scanner
BCS 370^{ex}
17-21BA-0021