



*Radio hand-held scanner  
BCS 370<sup>ex</sup> for 1D-Barcodes*

**Description**

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

The radio hand-held scanner BCS 370<sup>ex</sup> 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<sup>ex</sup> 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<sup>ex</sup> has a robust housing, an internal shock absorber and an ultrasonic welded window.

This means that the BCS 370<sup>ex</sup> is suitable for the hardest industrial conditions. With these measures the scanner can withstand a drop to concrete of 1.8 m.

**Features**

- Insensitive to direct exposure to normal factory lighting
- High level of impact resistance - robust
- 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

**Design**

The BCS 370<sup>ex</sup> 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<sup>ex</sup> 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**

⊕ II 2G Ex ib IIC T4

**Certification**

IBEXU 04 ATEX 1060

➔ **Technical data**

**Ambient temperature**

-20 °C to +40 °C

-4 °F to +104 °F

**Storage temperature**

-20 °C to +70 °C

-4 °F to +158 °F

**Charging temperatures**

0 °C to +40 °C

+32 °F to +104 °F

**Keyboard version**

17 keys (numeric and switchable alphabetic keys)

**Display**

2 lines, each with 20 characters

**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

Spectrum24 systems

**Frequency**

2.4 GHz point-to-point narrow band,

82 user-selectable channels

**Output power**

< 10 mW

**Weight**

approx. 400 g (approx. 14.1 oz)

**Humidity**

5 % to 95 % (non-condensing)

**Dimensions** (height x length x width)

173 mm x 150 mm x 74 mm

6.8 inch x 5.9 inch x 2.9 inch

**Protection class**

IP 54

**Power supply**

3.6 V/1100 mAh Li-ion battery

BARTEC Type: 17-21BE-0008

➔ **Order no.**

**BCS 370<sup>ex</sup>**

**17-21BA-0021**

including Li-ion batterie (1 piece)

