inVirtus TECHNOLOGIES

ivBeacon Display LED

The 2.6″ e-paper smart label that shows and locates your industrial assets.



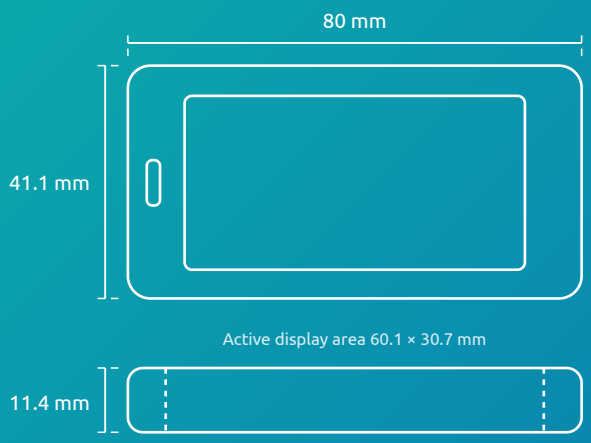
BLE
Indoor location

2.6″ e-paper
296 × 152 px

RGB + white LED
Pick-by-light

Up to 5 years
Battery life

Dimensions & design



Product	ivBeacon Display LED
Dimensions	80 × 41.1 × 11.4 mm (without LED)
Display	Full graphic e-ink, 2.6″
Resolution	296 × 152 px, 125 dpi
Colours	Black / white / red, or black / white
LED	1 × white, 1 × RGB
Battery	2 × CR2450
Battery life	Up to 5 years (2 updates/day)
Casing colour	Anthracite

Updated over the air from inVirtus Cloud or from your ERP / MES.
The LED lights up on demand to find the right box, rack or work order in seconds.

Technical details

Active display area	60.1 × 30.7 mm (2.37 × 1.21 in)	**Operating frequency**	2.400 – 2.480 GHz, max. EIRP ≤ 10 mW
Pixel density	125 dpi	**NFC**	Yes, 13.56 MHz
Pixel colours	Black/white/red or black/white (freezer)	**Encryption**	128-bit AES with secure key exchange
Protection glass	With or without	**Wireless firmware update**	Yes
Usable pages	4	**LED**	1 × white, 1 × RGB (red / green / blue / yellow / cyan / magenta)
Operating temperature	0 °C to +40 °C (BWR) −25 °C to +30 °C (BW)	**Compliance**	CE, RoHS, FCC/IC
Storage temperature	−20 °C to +50 °C Best for batteries: +15 °C to +30 °C	**Packaging unit**	80 labels / box

Applications

Work-order & box tracking

Warehouse & picking

Paperless shop floor

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