

i-Catcher

Smart Line Sign Controller

Features

Input Voltage	90 – 264 Vac @ 47 – 63Hz
Power Factor	> 0,94
Output Power	240 Watt or 480 Watt
Operating Temperature	-20 °C to +50 °C
Storage Temperature	-40 °C to +85 °C
Housing Material	Aluminium
Dimensions	555 x 230 x 91 mm
Surge Protection (Optional)	Max discharge current 20kA, nominal discharge current 10kA, Up 1.2kV
Fan and Light switch	max 8A
Operation option	Manual or Automatic by POS connection
IP Rating	IP23
Warranty	3 years

Benefits

- + New improved pre-wired electrical connectors for easy installation
- + One size fits all
- + Simple, reliable and easy installation in new or existing signs
- + Controls up to 16 different displays
- + Easy connection of electronics led price displays by single connector
- + Wide range of POS Protocols supported
- + Multiple control options
- + Automatic sign and/or light switch
- + Fully configurable with I-Config configuration software
- + Additional surge protection available
- + Optional: I-Control, RF link, remote feedback, IP connection

Ordering Information

SC02-SL-16-24V-xxxx-yy-zzz

With options **xxx - yy - zzz** to choose from:

xxx: 240W : 240 Watt output Power

480W : 480 Watt output Power

yy SP : Surge protection (optional)

zzz FLO : Automatic sign fan and light switch

LO : Automatic sign light switch

Examples:

SC02-SL-16-24V-240W-SP-FLO

Smart Line Sign Controller with 240 Watt output power, surge protection and automatic sign fan and light switch.

SC02-SL-16-24V-480W-LO

Smart Line Sign Controller with 480 Watt output power and automatic sign light switch.

Add-ons:

I-Control 433 : Manual remote control unit

I-Control 2,4 : Long range manual remote control unit with feedback

LON : Wired solution to connect ISFN LON to the Sign Controller

RF02 : Wireless solution for communication between the Shop and Price Sign

Example:

SC02-SL-16-24V-240W-SP-FLO - **I-Control 433**

Smart Line Sign Controller with 240 Watt output power, surge protection and automatic sign fan and light switch with a manual remote control unit

Features I-Control 433

Frequency 433 Mhz

Range 5 meter*

Features I-Control 2.4

Frequency 2.4Ghz

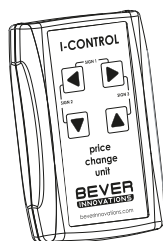
Range 20 meter*

Features RF02

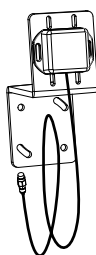
Frequency 2.4Ghz

Range 100 meter*

IP rating 67



i-Control



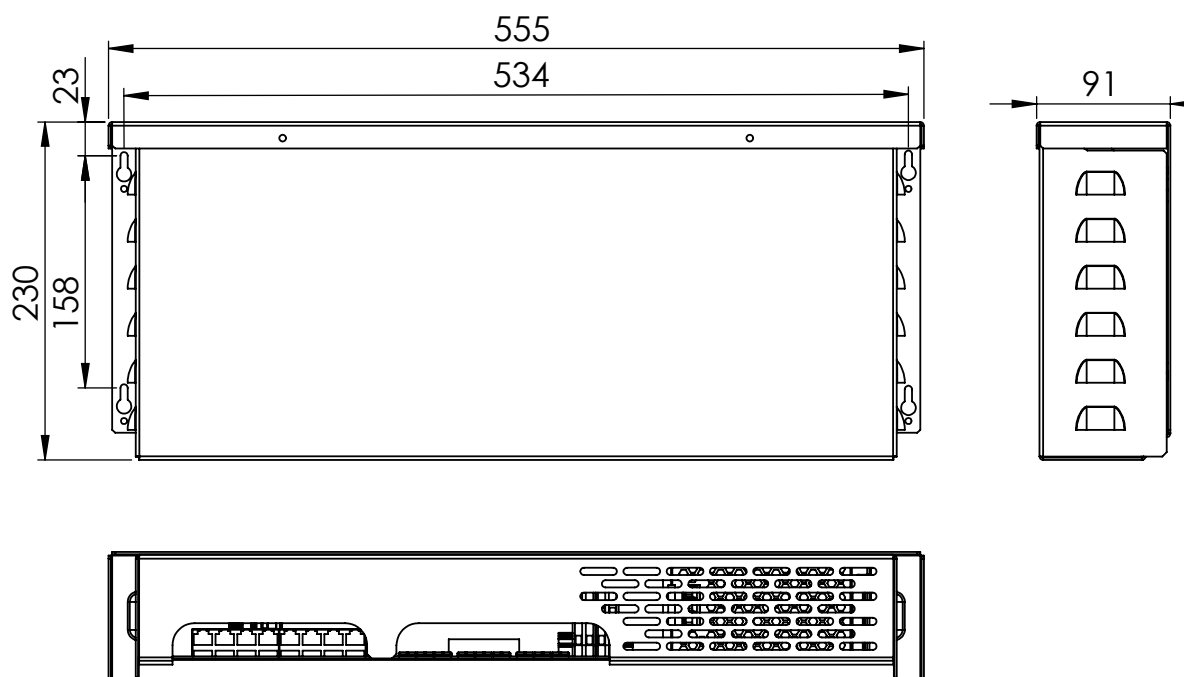
RF antenna

* Line of sight, External sources may affect the range of all wireless solutions

Accessories

Article number	Nomenclature
16003	Interface Control Box incl. RF (for SC with RF02)
11145	Interface Control Box
16004	Interface Control Box incl. LON and RF (for SC with RF02)
11858	Interface Control Box with keypad and LCD
13934	Interface Control Box with keypad and LCD incl. Ethernet feedback option
13322	Interface Control Box with keypad and LCD incl. LON
16234	Interface Control Box with keypad and LCD incl. LON, RF and Ethernet feedback option (for SC w RF02)
16334	Interface Control Box with keypad and LCD incl. LON, RF and SMS option (for SC w RF02)
16235	Interface Control Box with keypad and LCD incl. LON and Ethernet feedback option
16002	Interface Control Box with keypad and LCD incl. LON and RF (for SC with RF02)
16000	Interface Control Box with keypad and LCD incl. RF (for SC with RF02)
16233	Interface Control Box with keypad and LCD incl. RF and Ethernet feedback option (for SC with RF02)

Dimensions (mm)



Compliances **i-Catcher** Series

IEC 60598-1:2014	Luminaires – Part 1: General requirements and tests
IEC 60598-2-1:1979	Luminaires. Part 2: Particular requirements. Section One: Fixed general purpose luminaires
IEC 60950-1:2005	Information technology equipment – Safety – Part 1: General requirements

The following standards where applied:

EN 61000-3-2:2006	Electromagnetic compatibility (EMC) – Part 3-2: Limits – Limits for harmonic current emissions
EN 61000-3-3:2008	Electromagnetic compatibility (EMC) – Part 3-3: Limits – Limitation of voltage changes, voltage fluctuations and flicker
EN 55024:2010	Information technology equipment - Immunity characteristics
EN 55022:2011, Class A	Information technology equipment - Radio disturbance characteristics
EN 300 220-1:2012	Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment to be used in the 25 MHz to 1 000 MHz frequency range with power levels ranging up to 500 mW;
EN 300 328-1:2012	Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques;