

IT1 Remote Display



**Remote Display IT1
for Connection
to SysTec
Weighing Terminals**

IT1 Remote Display – Technical Data

Construction

Compact stainless steel housing protected to IP65 / IP69K, for desk-top, wall-mount or as panel-mount version.
Suitable for harsh environments, including outdoor area and altitudes of up to 5,000 m.
All cable connections through sealed cable glands.

Display and keyboard

Bright 4.3" (11 cm) color screen for indication of weight and operator prompts and calibration.

Sealed membrane keyboard with tactile feedback, with soft keys for zero setting, taring, and special functions (possibility to enable / disable each function).

Applications

The IT1 remote display is intended for the indication of weights in combination with the SysTec weighing terminals:

- IT1
- IT3
- IT2000M
- IT4000E
- IT6000E
- IT8000E.

Displayed information

In addition to the weight, the high contrast display also shows scale status symbols:

-  Scale in motion
-  Scale in zero range
-  Net weight
-  Scale in overload

Data transmission

Communication between weighing terminal and IT1 remote display is selectable as:

- Ethernet
- Plug-on interface module (SIM), selectable as RS232 interface (up to 15 m) or RS485 4-wire interface (up to 500 m).

Electrical connection

110–240 V AC, 50–60 Hz
or 12–24 V DC via integrated power supply unit.

Operating temperature

–10 °C (+14 °F) to +40 °C (+104 °F), 95 % relative humidity, non-condensing.

Options

Splash and dust cover

Transparent plastic cover to protect display and keyboard.

Connection cable

For Ethernet or serial connection to the weighing terminal.
Cable length 5 m, 10 m or customized up to max. 500 m.

Construction:

Desk-top or wall-mount installation



- Stainless steel housing, IP65 / IP69K, NEMA 4X
- Desk-top installation
- Dimensions W x H x D: 210 x 177 x 115 mm (8.27" x 7" x 4.53")
- Stainless steel housing, IP65 / IP69K, NEMA 4X
- Wall-mount installation
- Dimensions W x H x D: 210 x 151 x 121 mm (8.27" x 5.94" x 4.8")

Panel-mount version



- Stainless steel housing, fascia plate protected to IP65, NEMA 4X
- Panel-mount installation
- Dimensions W x H x D: 182 x 145 x 56 mm (7.2" x 5.7" x 2.2")
- Cut-out in panel: 165 x 129 mm (6.5" x 5.08")

Directives: 2014/31/EU, 2014/30/EU, 2014/35/EU



EU: Test Certificate as remote display

Standards: EN 45501, OIML R 76-1, EN 61000-6-2, EN 61000-6-4, NAMUR NE21, EN 62368-1 WELMEC 8.8

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Sales and service

Subject to change without notice

ST.2309.1884 IT1_FAZ_DBE.PDF 07.2026