



## IT5 CONTROL/ONLINE

### Remotely Controlled Weighing Terminal

**IT5 CONTROL/ONLINE** is a W&M approved industrial weighing terminal that can be remotely controlled from a PC via serial interface or Ethernet.

Taring, zero setting, and other functions can also be triggered via digital inputs (external switch).

A total of eight configurable setpoints are available, four of which are controlled via ONLINE command.

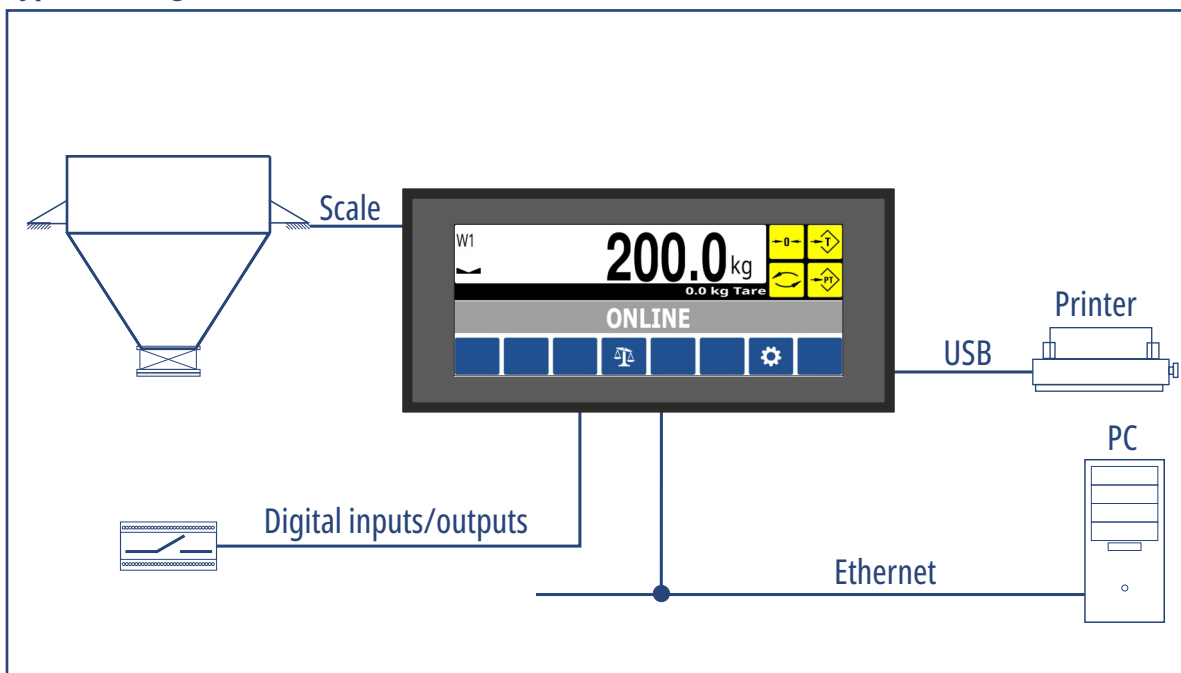
**Scales of any type** can be connected, e.g. floor scales, truck scales, or overhead track scales.

Weight values can be printed in a manner suitable for calibration using the printer connected to **IT5 CONTROL/ONLINE**. The form and printout design are controllable from the PC.

#### Possible ONLINE commands from PC:

- Record weight
- Taring / Zero setting
- Display text, acknowledge messages
- Enter data or scan
- Print
- Query digital inputs, e.g. states of limit switches or light barriers
- Set digital inputs, e.g. for controlling traffic lights or belt conveyors.

#### Typical configuration:



### Remotely controlled operation (ONLINE)

**IT5 CONTROL/ONLINE** enables the simple creation of intelligent weighing locations, e.g. for production, shipping/receiving or truck scales. The terminal is connected to the Ethernet network or a serial interface.

Commands for controlling the process are sent from the PC program. **IT5 CONTROL/ONLINE** responds to each command with a response string.

The PC program is always in full control of the complete sequence. The following example shows how the PC controls the complete sequence of the operation and the weighing ticket printout:

#### Example:

- The PC sends the command *TA* for taring. The scale is tared and a status message is sent to the PC.
- The PC sends the command *'DA Filling 100 kg'*. The weighing terminal displays the text *'Filling 100 kg'* and, after confirmation by the operator, sends the button code back to the PC.
- The PC sends the command *RN* to capture the weight with standstill control. The weighing terminal captures the weight as soon as the scale stands still, and sends a data set with date, gross weight, tare and net weight to the PC.

### Commands

- Weight capture with/without standstill control (approved weight storage for at least 10,000,000 weighings)
- Manual tare
- Autotare
- Text display with/without acknowledgement
- Print gross, net or tare weight
- Read digital input
- Switch digital output on/off.

### Setpoint functions

Max. 8 setpoints for min., max. or range weight checks or scale status. Digital inputs for zero setting, taring, printing, storing weight values etc.

### Weighing electronics

- Connection module for analog load cells (AWX)
- Weights and Measures approved resolution of 10,000 d with a max. preload of 80 %, internal resolution of 524,000 d.
- Smallest permissible input signal for approved applications: 0.2 µV/e.

### Display and keyboard

Bright 4.6" TFT color display with wide viewing angle. Operation is via touchscreen or, alternatively, via an external USB keyboard.

### Ethernet connection

Integrated Ethernet interface with configurable IP address.

### Integrated USB interface

For connection of printer, scanner or PC keyboard.

### Serial interfaces (option)

For connection of printer, remote display or PC.

### Electrical connections

100 (–15 %)–240 (+10 %) V AC;  
50 / 60 Hz (only via external AC power supply unit), option: 12–24 V DC.  
Power consumption AC max. 180 V AC.  
Power consumption DC max. 25 W.

### Operating temperature

–10 °C to +40 °C at 95 % max. relative humidity without condensation.

### Accessoires

- PC *COM+* Active X component for the communication with PC programs
- External relay box.

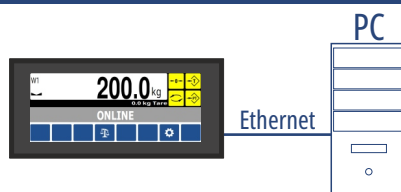
## Technical data:

### Installation



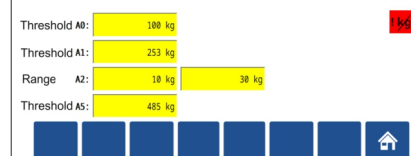
- Plastic housing, fascia plate protected to IP20, IP54 with optional sealing frame
- Panel-mount installation
- Dimensions of weighing terminal (W x H x D): 145 x 72 x 130 mm
- Dimensions of control panel cutout: 136.2 x 66.2 mm.

### Ethernet



- External connection to Ethernet networks via RJ45 socket at the rear of the housing
- Option: connection to Ethernet/IP network via extension module FBX-IP using:
- RJ45 double adapter for Ethernet/IP network (factory installed or retrofitted).

### Setpoint settings



- Input of a threshold value, after which a signal is output on the corresponding output
- Input of a range within which the value should move.

**Directives:** 2014/30/EU, 2014/31/EU, 2014/53/EU

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

**CE** EU Type Examination Certificate as non-automatic weighing instrument



ETL certified in accordance with UL 62368-1 and CSA C22.2, No. 62368-1



EMI compliance with FCC Part 15



Other certificates on demand

