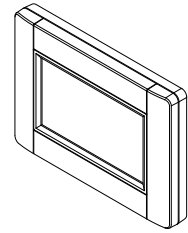


## Uponor Smatrix Base PRO I-147



IC0000041



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### Note

Uponor Smatrix Base PRO systems without an interface can only operate with reduced functionality.

Uponor Smatrix Base PRO Interface I-147 is a touch screen interface which communicate with the X-147 controller by a wired communication protocol.

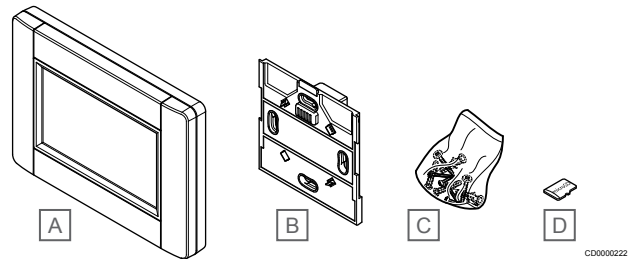
The interface acts as a link between the user and the controller(s) running in the system, displaying information and enabling simplified programming of all relevant system settings.

The Uponor Smatrix Base PRO system can be operated without the interface, but with reduced functionality (in example: many of the main characteristics listed below cannot be used).

- Change language and/or update the software with microSD card.
- KNX connectivity (requires an external module).
- Control of accessories (outputs etc).

## Components of the room controller:

The illustration below shows the interface and its components.



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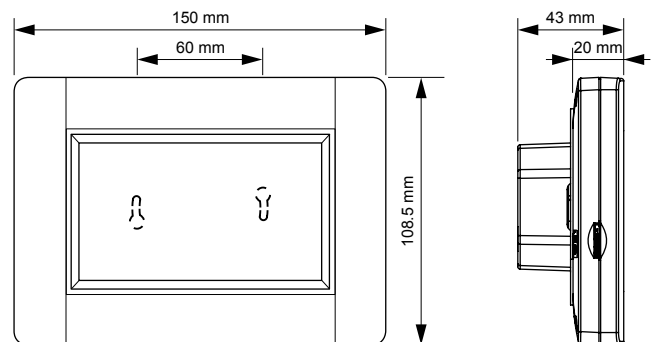
Item	Description
A	Uponor Smatrix Base PRO I-147
B	Wall bracket with power supply
C	Mounting material
D	MicroSD card

## Function

Main characteristics:

- Touch screen interface.
- Display information and change settings of up to 16 controllers running within one system.
- Adjust temperature setpoints of registered thermostats within the system.
- Installation setup wizard when installed for the first time or after a factory reset.
- User friendly menu system available in several different languages.
- Backlit display.
- Temperature setback programs for each connected thermostat.
- Limitations of maximum/minimum temperature.
- Schedule temporary lowering of setpoint during holiday.
- Automatic change between summer- and winter time.
- Diagnostic function detecting if a room thermostat is installed in the right room (room check). The function is only available in systems with four controllers or less.
- Possibility to automatically open up to two rooms per controller when other rooms are closed to maintain a minimum flow (room bypass).
- System diagnostic (alarms etc).
- Visualize trends by e.g. comparing setpoint with room temperature etc.
- Advanced cooling settings.

## Dimensions



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## Technical data

Interface	I-147
IP	IP20, class III (IP: degree of inaccessibility to active parts of the product and degree of water)
Max. ambient RH (relative humidity)	85% at 20 °C
CE marking	
Low voltage tests	EN 60730-1* and EN 60730-2-1**
EMC (electromagnetic compatibility requirements) tests	EN 60730-1
Power supply	230 V AC +10/-15%, 50 Hz in wall box or mini USB connection
Pollution degree	2
Software class	A
Operating temperature	0 °C to +45 °C
Storage temperature	-20 °C to +70 °C

\*) EN 60730-1 Automatic electrical controls for household and similar use -- Part 1: General requirements

\*\*) EN 60730-2-1 Automatic electrical controls for household and similar use -- Part 2-1: Particular requirements for electrical controls for electrical household appliances

\*\*\*) EN 60730-2-9 Automatic electrical controls for household and similar use -- Part 2-9: Particular requirements for temperature sensing controls

Usable in all Europe



Declaration of conformity:

We hereby declare under our own responsibility that products dealt with by these instructions satisfy all essential demands linked to the information stated in the Safety instruction booklet.



### Uponor Corporation

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1097145 01\_2020\_INT  
Production: Uponor/MRY

Uponor reserves the right to make changes, without prior notification, to the specification of incorporated components in line with its policy of continuous improvement and development.



[www.uponor.com](http://www.uponor.com)