

Network displays

TAD

Touch Advanced Display

The Touch Advanced Display (TAD) is a comprehensive series of freely programmable operator interfaces featuring both IP and MSTP BACnet[®] communication and colorful, graphic displays with touch-screen interface.

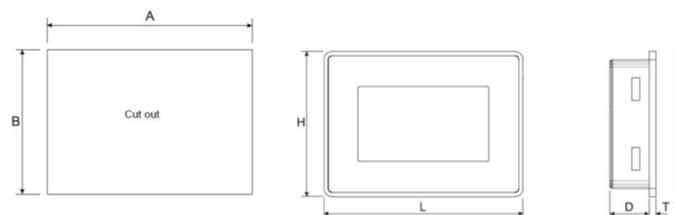
TAD Displays feature bright TFT widescreen (16:9) displays of different sizes 4.3", 7" and 10" with a fully dimmable LED backlight and resistive touch interface. The integrated HTML 5.0 web server grants remote access whenever the units are connected to an accessible IP network.

TAD series offers an unprecedented price / performance ratio to meet challenging applications requirements from offices to control rooms. They combines state-of-the-art features and top performance with an outstanding design.

TAD Series is the ideal choice for User Interface applications enabling an intuitive and easy interaction with the building automation controls and equipment.

Features

- ▶ **Standard BACnet Interfaces (IP / MSTP)** - The TAD Series fulfill the standard BACnet Operator Display (B-OD) profile enriching its minimum requirements with Alarms, Time Schedules and Calendars support, enabling users to take full advantage of the features included in the connected devices.
- ▶ **Freely Programmable** - The Touch-Screen Tailoring Tool (T³) suite allows customizing the TAD user experience tailoring it to the effective User requirements. Thanks to the extensive library of symbols and widgets, building data and operations are presented in a consistent way across different applications.
- ▶ **Web-Browser Widget** - Embedded web browser devices are becoming a common demand in the marketplace. TAD features a web-browser widget that can be included in the User Interface project empowering the end user to connect to simple web pages and interact with remote systems.
- ▶ **Embedded Web-Server** - The web server capabilities natively included in TAD devices allow users to remotely connect and interact with the device through standard internet browsers. The web pages user interface will reflect the same UX of the local application therefore maintaining a consistent look across different interfaces.
- ▶ **Simple and Elegant but Robust Design** - Its simplicity of design does not preclude the immediate impression of beauty and the IP66 protection rate for the front of the unit.



Dimensions in mm

Codes	A	B	D	H	L	T
TAD0471	136	96	29	107	147	5
TAD0701	176	136	29	147	187	5
TAD1001	271	186	29	197	282	6

Gateways

TAD

Ordering information

Codes	Description
TAD0471-0	4.3" Touchscreen Advanced Display
TAD0701-0	7.0" Touchscreen Advanced Display
TAD1001-0	10.0" Touchscreen Advanced Display

Accessories (to be ordered separately)

Codes	Description
BOX04-01	Wall mount box for TAD04
BOX07-01	Wall mount box for TAD07
BOX10-01	Wall mount box for TAD10
DEMO-STAND07	Counter display structure for TAD07

Programming Tool License (to be ordered separately from SIS Europe)

Codes	Description
TTT0103	Touchscreen Tailoring Tool, 1 Key for 3 activations
TTT0110	Touchscreen Tailoring Tool, 1 Key for 10 activations
TTT0130	Touchscreen Tailoring Tool, 1 Key for 30 activations

Gateways

TAD
Technical specification

Product codes	TAD0471-0: 4.3" Freely programmable Touchscreen Advanced Display TAD0701-0: 7.0" Freely programmable Touchscreen Advanced Display TAD1001-0: 10.0" Freely programmable Touchscreen Advanced Display
Display	<i>TAD0471</i> 4.3" Widescreen TFT 64k Colors, 480 x 272 and LED backlight <i>TAD0701</i> 7.0" Widescreen TFT 64k Colors, 800 x 480 and LED backlight <i>TAD1001</i> 10.1" Widescreen TFT 64k Colors, 1024 x 600 and LED backlight
Brightness	200 cd/m ²
Touch-screen	Resistive
Supply voltage	18-32 VDC
Real-time clock	Yes
Ethernet Port	1 – Port 0 10/100
Serial Port	1 – RS-232 / RS-422 / RS-485 Software Configurable
USB Port	1 – Host v. 2.0, max. 500 mA
Power consumption	<i>TAD0471</i> 250 mA max @ 24 VDC <i>TAD0701</i> 300 mA max @ 24 VDC <i>TAD1001</i> 380 mA max @ 24 VDC
Ambient conditions	<i>Operating</i> 0 ÷ 50°C, 5 ÷ 85% RH Noncondensing <i>Storage</i> -20 ÷ 70°C, 5 ÷ 85% RH Noncondensing
Dimensions (H x W x D)	<i>TAD0471</i> 107 x 147 x 24 mm <i>TAD0701</i> 147 x 187 x 24 mm <i>TAD1001</i> 197 x 282 x 25 mm
Weight	<i>TAD0471</i> 0.4 Kg <i>TAD0701</i> 0.6 Kg <i>TAD1001</i> 1.0 Kg
Memory	<i>TAD0471</i> RAM, 256MB Flash, 2GB <i>TAD0701</i> RAM, 256MB Flash, 2GB <i>TAD1001</i> RAM, 512MB Flash, 4GB
Protection Class	IP66 Front*, IP20 Back *IP66 rating is achieved strictly respecting the instructions provided.
 Compliance	Johnson Controls declares that these products are in compliance with the essential requirements and other relevant provisions of the EMC Directive and Low Voltage Directive. Emission EN 61000-6-4, Immunity EN 61000-6-2 for installation in industrial environments Emission EN 61000-6-3, Immunity EN 61000-6-1 for installation in residential environments