TAD Catalog Page

2021-08-03

LIT-1901151



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

TAD displays feature bright TFT 16:9 widescreens in 4.3 in., 7 in., and 10 in. sizes with a fully dimmable LED backlight and resistive touch interface. The integrated HTML 5.0 web server grants remote access whenever you connect the TAD to an accessible IP network..

The TAD Series devices offers an unprecedented price to performance ratio to meet challenging applications requirements from offices to control rooms. They combine state-of-the art features and top performance with an outstanding design. The TAD is the ideal choice for user interface applications enabling an intuitive and easy interaction with the building automation controls and equipment.

Features and Benefits

Standard BACnet interfaces (IP or MS/TP)

TAD devices can manage internal and BACnet Alarms, Time Schedules and Calendars, enabling users to take full advantage of the features included in the connected devices.

Freely programmable

TAD devices are configured and controlled with the Touch-Screen Tailoring Tool (T3) suite. T3 allows you to customize the TAD user experience, tailoring it to the effective user requirements. Building data and operations are presented in a consistent way across different applications due to an extensive library of symbols and widgets.

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 you to connect to simple web pages and interact with remote systems.

Embedded Web-Server

The web server capabilities natively included in TAD devices allow you to remotely connect with a user name and password to interact with the device through standard internet browsers. To maintain a consistent user experience across different interfaces, the web pages reflect the same design of the local application.

Ordering information

Table 1: Product ordering codes

Product code	Description
TAD0471-0	4.3 in. (109 mm) Touchscreen Advanced Display
TAD0701-0	7.0 in. (178 mm) Touchscreen Advanced Display
TAD1001-0	10.0 in. (254 mm) Touchscreen Advanced Display

Accessories

Table 2: Product ordering codes

Product code	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

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Table 2: Product ordering codes

Product code	Description
TAD-DB9-0	DB-9 Serial Port Connector, required for BACnet MS/TP
TTT0103	Touchscreen Tailoring Tool, single license key for installation on 3 computers
TTT0110	Touchscreen Tailoring Tool, single license key for installation on 10 computers
TTT0130	Touchscreen Tailoring Tool, single license key for installation on 30 computers
ACC-PS-24VDC	DC Power supply; Input: 100-240VAC, Output: 24VDC,2.5A; DIN rail mounting

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Technical specifications

Table 3: Technical specifications

Product code number	**TAD0471-0:** 4.3 in. (109 mm) freely programmable Touchscreen Advanced Display **TAD0701-0:** 7.0 in. (178 mm) freely programmable Touchscreen Advanced Display **TAD1001-0:** 10.0 in. (254 mm) freely programmable Touchscreen Advanced Display
Display	**TAD0471-0:** 4.3 in. (109 mm) widescreen TFT 64k colors, 480 x 272 and LED backlight **TAD1001-0:** 7.0 in. (178 mm) widescreen TFT 64k colors, 1024 x 600 and LED backlight **TAD0701-0:** 10.0 in. (254 mm) widescreen TFT 64k colors, 800 x 480 and LED backlight
Brightness	200 cd/m2
Touch-screen	Resistive
Supply voltage	18-32 VDC
Real-time clock	Yes
Ethernet Port	1 – Port 0 10/100
Serial Port	RS-232 / RS-422 / RS-485 software configurable
USB Port	1 – Host v. 2.0, max. 500 mA
Power consumption	**TAD0471-0:** 250 mA max @ 24 VDC **TAD0701-0:** 300 mA max @ 24 VDC **TAD1001-0:** 380 mA max @ 24 VDC
Ambient conditions	**Operating:** 32°F to 122°F (-0°C to +50°C), 5 to 85% RH (noncondensing) **Storage:** -4°F to 158°F (-20°C to +70°C), 5 to 85% RH (noncondensing)
Dimensions (H x W x D)	**TAD0471-0:**4.21 in x 5.78 in. x 0.945 in. (107 mm x 147 mm x 24 mm) **TAD0701-0:**5.79 in. x 7.36 in. x 0.945 in. (147 mm x 187 mm x 24 mm) **TAD1001-0:**7.75 in. x 11.10 in. x 0.984 in. (197 mm x 282 mm x 25 mm)
Weight	**TAD0471-0:** 0.88 lb. (0.4 kg) **TAD0701-0:** 1.32 lb. (0.6 kg) **TAD1001-0:** 2.2 lb. (1.0 kg)
Memory	**TAD0471-0:** RAM 256MB Flash, 2GB **TAD0701-0:** RAM 256MB Flash, 2GB **TAD1001-0:** RAM 512MB Flash, 4GB
Housing	Protection: IP66 front, IP20 back
Compliance CE	**United States:** UL Listed, File E515649, CCN NRAQ, UL 508, Programmable controllers; FCC test report available
	Canada: UL Listed, File E515649, CCN NRAQ7, CAN/CSA C22.2 No. 142, Programmable controllers certified for Canada; Industry Canada Compliant.
	Europe: CE Mark – Johnson Controls, Inc. declares that this product is in compliance with the essential requirements and other relevant provisions of the EMC Directive.
	Australia and New Zealand: RCM Mark, Australia/NZ Emissions Compliant

The performance specifications are nominal and conform to acceptable industry standards. For application at conditions beyond these specifications, consult the local Johnson Controls office. Johnson Controls, Inc. shall not be liable for damages resulting from misapplication or misuse of its products.

Product warranty

This product is covered by a limited warranty, details of which can be found at www.johnsoncontrols.com/buildingswarranty.

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Single point of contact

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