

MobileView Tethered Operator Terminal

Catalog Number 2711T

Summary of Changes

This publication contains new and updated information as indicated in the following table.

Topic	Page
Added 2711T-JUMP catalog number and footnote to Accessories Table.	3
Added publication 2711T-IN001 to Additional Resources table.	5

The MobileView™ 2711T family of human machine interface (HMI) devices have a rugged design with Microsoft® Windows® 7 compatible electronics. The MobileView 2711T terminal features include a 3-position enable switch, touch and function keys, and stop push buttons⁽¹⁾. These features allow operator access to the safety system of the machine and the general interface to its control system.

The MobileView 2711T terminal is ideal for various applications, which includes:

- Operator panel for machines and plants
- Teach and programming panel for robots
- Test, maintenance, and startup

The MobileView 2711T terminal easily adapts to specific applications by using configurable operating and control elements.

(1) Three of the four available MobileView 2711T terminals are equipped with red-yellow emergency stop (E-stop) push buttons. One of the Mobile View terminals, cat. no. 2711T-T10G1N1, is equipped with a gray stop button that is not classified as an E-stop button.



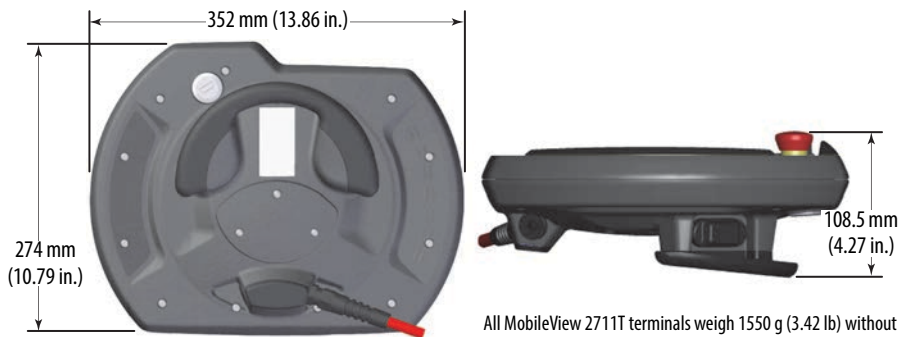
MobileView 2711T Terminal Options

The following table summarizes the options available for the 2711T MobileView tethered operator terminals. A comparative summary of features for the MobileView terminals starts on [page 2](#).

MobileView 2711T Terminal Options

Cat. No. (2711T-)	Display Size (in.)	Touch Screen	Function Keys	3-position Enabling Switch	3-position Key Switch	Momentary Button	2-circuit Push Button	
							E-stop (red/yellow)	Stop (gray)
B10R1K1	10.1	Yes	Yes	Yes	Yes	No	Yes	No
B10R1M1					No	Yes		
T10G1N1			No		No	No	No	Yes
T10R1N1					Yes	No		

MobileView 2711T Terminal Dimensions and Weight



Specifications

General

Attribute	Cat. No. 2711T-			
	T10R1N1	B10R1K1	B10R1M1	T10G1N1
Processor	Intel® Atom™ 3815, 1.46 GHz			
Operating system	Microsoft Windows Embedded Standard 7 SP1			
Memory	4 GB DRAM/32 GB Flash			
Display	10.1			
Size (in.)	WXGA/1280 x 800 pixels			
Color/resolution	Analog resistive			
Resistive touch screen				
Function keys	No	Yes		No
3-position enable switch	Yes			
2-circuit E-stop	Yes			No
USB drive slot	Yes			
Communication	10/100 Ethernet			

Electrical

Attribute	Cat. No. 2711T-			
	T10R1N1	B10R1K1	B10R1M1	T10G1N1
Rated supply voltage	24V DC			
Supply voltage tolerance range	19.2...30V DC (EN 61131-2)			
Input current	500 mA at 24V DC			
Peak inrush current	5.6 A, max			
Cycle duration ⁽¹⁾	5000 (typical)			

(1) Applies only to the connection cable connector and the junction box.

Environmental

Attribute	Cat. No. 2711T-			
	T10R1N1	B10R1K1	B10R1M1	T10G1N1
Temperature, operating	0...45 °C (32...113 °F)			
Temperature, storage	-25...+70 °C (-13...+158 °F)			
Relative humidity, noncondensing	5...95% at 0...45 °C (32...113 °F)			
Vibration, operating	5...150 Hz 5...8.4 Hz, 3.5 mm p-p 8.4...150 Hz, 1 G peak			
Shock, operating	15 G (½ Sine, 11 msec) IEC 60068-2-27			
Altitude	0...2,000 m (0...6,562 ft)			

Accessories

Cat. No.	Description
2711T-5MCABLE	Connection cable (5 m/16.4 ft) to connect the terminal to the junction box.
2711T-10MCABLE	Connection cable (10 m/32.8 ft) to connect the terminal to the junction box.
2711T-15MCABLE	Connection cable (15 m/49.2 ft) to connect the terminal to the junction box.
2711T-JBIP20DC	IP20 junction box that is 24V DC powered and includes a junction box cap.
2711T-BRACKET	Mounting bracket for stationary operation or to store the terminal.
2711T-JUMP	Bridge connector to bypass emergency stop (E-stop) contactors in MobileView junction box. ⁽¹⁾

(1) For applications where the customer plans to move one MobileView terminal between many MobileView junction boxes.

Standard and Agency Certifications

Region	Standards Group	Regulatory Standard ⁽²⁾																																																																																															
Americas	Safety	cULus according to UL508, 17th edition, and CSA C22.2 No. 142																																																																																															
	UL	cULus Listed																																																																																															
	State of California	In accordance with California USA disclosure regarding any perchlorate content																																																																																															
	Environment ⁽¹⁾	RA Environmental Impact Report																																																																																															
Europe	Enclosure rating	IP65 per EN60529																																																																																															
	Safety	EN61131-2																																																																																															
	EMC	2004/108/EC																																																																																															
	Emissions	EN61131-2 EN61000-6-4																																																																																															
	Immunity	EN61131-2 EN61000-6-2																																																																																															
	RoHS	European RoHS 2011/65/EU Turkey RoHS (EEE Yönetmeliğine Uygundur. In Conformity with the EEE Regulation)																																																																																															
	WEEE	Waste Electrical and Electronic Equipment (WEEE) 2012/19/EU																																																																																															
	REACH	Regulation No. 1907/2006 of the European Parliament																																																																																															
	Machinery directive	2006/42/EC CE Marking																																																																																															
EU battery directive	2006/66/EC WEEE 2012/19/EU																																																																																																
Asia Pacific	Emissions	AS/NZS 61000-6-4																																																																																															
	RoHS	<p>China RoHS GB/T26572</p> <table border="1"> <thead> <tr> <th colspan="7">有害物質名稱和含量 - name and content of hazardous substances and elements</th> </tr> <tr> <th rowspan="3">Component name 組件名稱</th> <th colspan="6">Toxic or hazardous substances and elements 有毒或有害物質和元素</th> </tr> <tr> <th>鉛</th> <th>汞</th> <th>鎘</th> <th>六價鉻</th> <th>多溴聯苯</th> <th>多溴聯苯醚</th> </tr> <tr> <th>Lead (Pb)</th> <th>Mercury (Hg)</th> <th>Cadmium (Cd)</th> <th>Hexavalent Chromium (Cr VI+)</th> <th>Polybrominated Biphenyls (PBB)</th> <th>Polybrominated Diphenyl Ethers (PBDE)</th> </tr> </thead> <tbody> <tr> <td>外殼 housing</td> <td>X</td> <td>O</td> <td>O</td> <td>O</td> <td>O</td> <td>O</td> </tr> <tr> <td>顯示器 Display 10.1" WXGA 1290x900</td> <td>X</td> <td>O</td> <td>O</td> <td>O</td> <td>O</td> <td>O</td> </tr> <tr> <td>印刷電路板 Printed Circuit Board assemblies</td> <td>X</td> <td>O</td> <td>O</td> <td>O</td> <td>O</td> <td>O</td> </tr> <tr> <td>金屬組件 metal components: Distinex</td> <td>X</td> <td>O</td> <td>O</td> <td>O</td> <td>O</td> <td>O</td> </tr> <tr> <td>內核 CPU MODUL 700</td> <td>X</td> <td>O</td> <td>O</td> <td>O</td> <td>O</td> <td>O</td> </tr> <tr> <td>固態硬碟 SSD 32GB Transcend mSATA MSA370</td> <td>X</td> <td>O</td> <td>O</td> <td>O</td> <td>O</td> <td>O</td> </tr> <tr> <td>觸頭 contacts</td> <td>X</td> <td>O</td> <td>O</td> <td>O</td> <td>O</td> <td>O</td> </tr> <tr> <td>接線和電纜 wiring cable</td> <td>X</td> <td>O</td> <td>O</td> <td>O</td> <td>O</td> <td>O</td> </tr> <tr> <td>電池 Battery</td> <td>O</td> <td>O</td> <td>O</td> <td>O</td> <td>O</td> <td>O</td> </tr> <tr> <td>塑料部件 plastic components</td> <td>O</td> <td>O</td> <td>O</td> <td>O</td> <td>O</td> <td>O</td> </tr> </tbody> </table> <p>x = 浓度超出SJ-T11363-2006 規定的最大浓度值 x = concentration above maximum concentration values as defined per SJ-T11363-2006 o = 浓度低于SJ-T11363-2006規定的最大浓度值 o = concentration below maximum concentration values as defined per SJ-T11363-2006</p>	有害物質名稱和含量 - name and content of hazardous substances and elements							Component name 組件名稱	Toxic or hazardous substances and elements 有毒或有害物質和元素						鉛	汞	鎘	六價鉻	多溴聯苯	多溴聯苯醚	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr VI+)	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)	外殼 housing	X	O	O	O	O	O	顯示器 Display 10.1" WXGA 1290x900	X	O	O	O	O	O	印刷電路板 Printed Circuit Board assemblies	X	O	O	O	O	O	金屬組件 metal components: Distinex	X	O	O	O	O	O	內核 CPU MODUL 700	X	O	O	O	O	O	固態硬碟 SSD 32GB Transcend mSATA MSA370	X	O	O	O	O	O	觸頭 contacts	X	O	O	O	O	O	接線和電纜 wiring cable	X	O	O	O	O	O	電池 Battery	O	O	O	O	O	O	塑料部件 plastic components	O	O	O	O	O
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(1) Rockwell Automation maintains current product environmental information on its website at <http://www.rockwellautomation.com/rockwellautomation/about-us/sustainability-ethics/product-environmental-compliance.page>.
 (2) See <http://www.rockwellautomation.com/certification> for declarations of conformity, certificates, and other certification details.

Additional Resources

These documents contain additional information about related products from Rockwell Automation.

Resource	Description
MobileView Tethered Operator Terminal User Manual, publication 2711T-UM001	Provides information to install, operate, and troubleshoot the MobileView 2711T terminal.
MobileView Tethered Operator Terminal Bridge Connector Installation Instructions, publication 2711T-IN001	Provides information to install the MobileView 2711T terminal bridge connector.
FactoryTalk® View Machine Edition User's Guide, publication VIEWME-UM004	Provides comprehensive information about FactoryTalk View Machine Edition, procedures to create and run an automation application, and reference information.
Industrial Automation Wiring and Grounding Guidelines, publication 1770-4.1	Provides general guidelines to install a Rockwell Automation® industrial system.
Product Certifications website, http://www.rockwellautomation.com/rockwellautomation/certification/overview.page	Provides declarations of conformity, certificates, and other certification details.

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Local Technical Support Phone Numbers	Locate the phone number for your country.	www.rockwellautomation.com/global/support/get-support-now.page
Direct Dial Codes	Find the Direct Dial Code for your product. Use the code to route your call directly to a technical support engineer.	www.rockwellautomation.com/global/support/direct-dial.page
Literature Library	Installation Instructions, Manuals, Brochures, and Technical Data.	www.rockwellautomation.com/literature
Product Compatibility and Download Center (PCDC)	Get help determining how products interact, check features and capabilities, and find associated firmware.	www.rockwellautomation.com/global/support/pcdc.page

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