

# CodeMeter Device

Catalog Numbers 9509-CMSTICKC, 9509-CMSTICK8, 9509-CMSDCD4

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The CodeMeter® devices are used with Rockwell Automation® industrial controllers and computers that enable product license activations. FactoryTalk® Activation software 4.00 and later is required to activate to CodeMeter devices.

- For Activation Instructions: See FactoryTalk Activation Manager Online Help.
- For use with Studio 5000 Logix Designer® and ControlLogix® features: See Studio 5000 Logix Designer Online Help.
- For supported Firmware:  
See Product Compatibility and Download Center at <http://compatibility.rockwellautomation.com/Pages/home.aspx>. Enter the CodeMeter device in the search field.

## Recommended FactoryTalk Supported Dongle Types

- CodeMeter dongles are labeled CmStick or CmCard.
- FlexNet dongles are labeled FlexNet, Flexera, HASP, or FLEXid.

FactoryTalk Activation Manager supports the following activation dongles:

**Table 1 - Activation Dongles**

Catalog Number	Name	Storage
9509-USB-DONG	FlexNet (legacy)	None
9509-USB-DONG2	FlexNet (plug-and-play)	2 GB
9509-CMSTICKC	CodeMeter CmStick Compact	None
9509-CMSTICK8	CodeMeter CmStick	8 GB
9509-CMSDCD4	CodeMeter CmCard SD	4 GB

**IMPORTANT** In some cases, product activations require a specific dongle type. If you see the `Different dongle type needed`, the dongle that you are using is not supported for activating the product. The message indicates the type of dongle that is required, FlexNet, or CmStick. You must identify the correct dongle type and plug it into the computer. The CodeMeter devices include these products.





### 9509-CMSDCD4 CmCard SD 4 GB Storage

- Secure digital card 4 GB flash storage use with controllers, SD Card, SD 2.0, SD 3.0 (UHS-I)
- Performance Read seq. up to 24 MB/s, Write seq. up to 23 MB/s
- 4 GB SLC™ (Single Level Cell) nonvolatile memory for high industrial requirements
- Based on High-Performance Security Crypto-Chip



### 9509-CMSTICKC CmStick Compact No Storage

- USB stick with no flash storage
- Based on High-Performance Security Crypto-Chip



### 9509-CMSTICK8 CmStick 8 GB Storage

- USB stick with 8 GB flash storage
- Based on High-Performance Security Crypto-Chip

**Table 2 - Technical Specifications - 9509 CodeMeter Devices**

Attribute	9509-CMSDCD4	9509-CMSTICKC	9509-CMSTICK8
Memory	4 GB	None	8 GB
Supported Devices	<ul style="list-style-type: none"> <li>• ControlLogix 5580 controllers</li> <li>• CompactLogix™ 5480 and 5380 controllers</li> <li>• Personal computers</li> </ul>	<ul style="list-style-type: none"> <li>• Personal computers</li> </ul>	<ul style="list-style-type: none"> <li>• Personal computers</li> </ul>
Weight, Approx	2 g (.07 oz)	CmStick 6 g (.21 oz), Cover 8 g (.28 oz)	24 g (.85 oz) (without cap 19 g (.67 oz))
Power Supply	2.7...3.6 V Bus-powered, Type. 25 mA	5V Bus-powered	5V Bus-powered, < 100 mA
Interface	Personal computers	Hi-speed USB 2.0 certified, Mass Storage Communication (MSC)	Hi-speed USB 2.0 certified, Mass Storage Communication (MSC)

**Table 3 - Environmental Specifications - 9509 CodeMeter Devices**

Attribute	9509-CMSDCD4	9509-CMSTICKC	9509-CMSTICK8
Temperature, operating	-40...+85 °C (-40...+185 °F)	-25...+70 °C (-13...+158 °F)	0...+70 °C (32...+158 °F)
Temperature, storage	-40...+100°C (-40...+212 °F)	-40...+100°C (-40...+212 °F)	-40...+100°C (-40...+212 °F)
Relative humidity	85% RH, 85 °C (185 °F)	85% RH, 85 °C (185 °F)	85% RH, 85 °C (185 °F)
Case/Dimension	32 mm x 24 mm x 2.1 mm (1.26 in x .94 in x .08 in)	21 mm x 14 mm x 6.5 mm (.83 in x .55 in x .26 in)	8 mm x 16 mm x 61.5 mm (without cap 56 mm (2 in) (.31 in x .63 in x 2.42 in) Cap: 7 mm x 16 mm x 18 mm (.28 in x .63 in x .71 in)
Weight	2 g (.08 oz)	CmStick 6 g (.24 oz), Cover 8 g (.31 oz)	24 g (.94) (without cap 19 g (.75 in)
Status Indicators	N/A	< 20 mA (status indicators off), < 60 mA (both status indicators on)	< 20 mA (status indicators off), < 60 mA (both status indicators on)

## Additional Resources

These documents contain additional information concerning related products from Rockwell Automation®.

Resource	Description
Industrial Automation Wiring and Grounding Guidelines, publication <a href="#">1770-4.1</a>	Provides general guidelines for installing a Rockwell Automation industrial system.
Product Certifications website, <a href="http://www.rockwellautomation.com/global/certification/overview.page">http://www.rockwellautomation.com/global/certification/overview.page</a>	Provides declarations of conformity, certificates, and other certification details.
Wibu certifications <ul style="list-style-type: none"> <li>• 9509-CMSDCD4: 1040-03-106: <a href="http://www.wibu.com/data-sheets/file/download/3101.html">http://www.wibu.com/data-sheets/file/download/3101.html</a></li> <li>• 9509-CMSTICKC: 1001-03-160-9001: <a href="http://www.wibu.com/data-sheets/file/download/3076.html">http://www.wibu.com/data-sheets/file/download/3076.html</a></li> <li>• 9509-CMSTICK8: 1011-03-431: <a href="http://www.wibu.com/data-sheets/file/download/3078.html">http://www.wibu.com/data-sheets/file/download/3078.html</a></li> </ul>	Provides certification details.

You can view or download publications at <http://www.rockwellautomation.com/global/literature-library/overview.page>.

To order paper copies of technical documentation, contact your local Allen-Bradley distributor or Rockwell Automation sales representative.

## Rockwell Automation Support

Use the following resources to access support information.

<b>Technical Support Center</b>	Knowledgebase Articles, How-to Videos, FAQs, Chat, User Forums, and Product Notification Updates.	<a href="http://www.rockwellautomation.com/knowledgebase">www.rockwellautomation.com/knowledgebase</a>
<b>Local Technical Support Phone Numbers</b>	Locate the phone number for your country.	<a href="http://www.rockwellautomation.com/global/support/get-support-now.page">www.rockwellautomation.com/global/support/get-support-now.page</a>
<b>Direct Dial Codes</b>	Find the Direct Dial Code for your product. Use the code to route your call directly to a technical support engineer.	<a href="http://www.rockwellautomation.com/global/support/direct-dial.page">www.rockwellautomation.com/global/support/direct-dial.page</a>
<b>Literature Library</b>	Installation Instructions, Manuals, Brochures, and Technical Data.	<a href="http://www.rockwellautomation.com/literature">www.rockwellautomation.com/literature</a>
<b>Product Compatibility and Download Center (PCDC)</b>	Get help determining how products interact, check features and capabilities, and find associated firmware.	<a href="http://www.rockwellautomation.com/global/support/pcdc.page">www.rockwellautomation.com/global/support/pcdc.page</a>

## Documentation Feedback

Your comments will help us serve your documentation needs better. If you have any suggestions on how to improve this document, complete the How Are We Doing? form at [http://literature.rockwellautomation.com/idc/groups/literature/documents/du/ra-du002\\_-en-e.pdf](http://literature.rockwellautomation.com/idc/groups/literature/documents/du/ra-du002_-en-e.pdf).

Rockwell Automation maintains current product environmental information on its website at <http://www.rockwellautomation.com/rockwellautomation/about-us/sustainability-ethics/product-environmental-compliance.page>.

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