



CodeMeter Devices Specifications

Catalog Numbers 9509-CMSDCD4, 9509-CMSTICKC

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Rockwell Automation® industrial controllers and computers use CodeMeter devices to enable product license activations. FactoryTalk® Activation software 4.00 and later is required to activate the 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 the Product Compatibility and Download Center at rok.auto/pcdc.

Summary of Changes

This publication contains the following new or updated information. This list includes substantive updates only and is not intended to reflect all changes.



Topic	Page
Removed the 9509-CMSTICK8 device	Throughout
Updated the 9509-USB-DONG2 storage size from 2 GB to 8 GB	2

Recommended FactoryTalk-Supported Device Types

Type	Labels	Catalog Number	Name	Storage
CodeMeter	CmCard	9509-CMSDCD4	CodeMeter CmCard SD	4 GB
	CmStick	9509-CMSTICKC	CodeMeter CmStick Compact	None
FlexNet	FlexNet, Flexera, HASP, or Flex ID	9509-USB-DONG2	FlexNet (plug and play)	8 GB

IMPORTANT In some cases, product activations require a specific device type. If you see the 'Different dongle type needed' message, the device that you are using is not supported for activating the product. The message indicates the type of device that is required. Remove the incorrect device from the computer and insert a device of the correct type.

CodeMeter Device Descriptions

CodeMeter Device	Cat. No.	Flash Storage	Description
CmCard SD 	9509-CMSDCD4	4 GB	<ul style="list-style-type: none"> Secure Digital (SD) card, use with controllers, 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, single-level cell (SLC), nonvolatile memory for high industrial requirements Based on High-Performance Security Crypto-Chip
CmStick Compact 	9509-CMSTICKC	none	<ul style="list-style-type: none"> USB stick Based on High-Performance Security Crypto-Chip

Technical Specifications

Attribute	9509-CMSDCD4	9509-CMSTICKC
Memory	4 GB	None
Supported Devices	<ul style="list-style-type: none"> • ControlLogix 5580 controllers • CompactLogix™ 5480 and 5380 controllers • Personal computers 	<ul style="list-style-type: none"> • Personal computers
Weight, approx	2 g (0.07 oz)	CmStick - 6 g (0.21 oz) Cover - 8 g (0.28 oz)
Power Supply	2.7...3.6 V Bus-powered, Type. 25 mA	5V Bus-powered
Interface	Personal computers	Hi-speed USB 2.0 certified, Mass Storage Communication (MSC)

Environmental Specifications

Attribute	9509-CMSDCD4	9509-CMSTICKC
Temperature, operating	-40...+85 °C (-40...+185 °F)	-25...+70 °C (-13...+158 °F)
Temperature, storage	-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)
Dimensions (HxWxD), Approx	32 x 24 x 2.1 mm (1.26 x 0.94 x 0.08 in.)	21 x 14 x 6.5 mm (0.83 x 0.55 x 0.26 in.)
Weight	2 g (0.08 oz)	CmStick - 6 g (0.24 oz) Cover - 8 g (0.31 oz)
Status Indicators	N/A	< 20 mA (status indicators off), < 60 mA (both status indicators on)

Certifications

For CodeMeter certifications, see the following Wibu-Systems data sheets:

- 9509-CMSDCD4 - [1040-03-106](#)
- 9509-CMSTICKC - [1001-03-160-9001](#)

Additional Resources

These documents contain additional information concerning related products from Rockwell Automation. You can view or download publications at rok.auto/literature.

Resource	Description
Industrial Automation Wiring and Grounding Guidelines, publication 1770-4.1	Provides general guidelines for installing a Rockwell Automation industrial system.
Rockwell Automation Product Certifications website, rok.auto/certifications	Provides declarations of conformity, certificates, and other certification details.

Rockwell Automation Support

Use these resources to access support information.

Technical Support Center	Find help with how-to videos, FAQs, chat, user forums, Knowledgebase, and product notification updates.	rok.auto/support
Local Technical Support Phone Numbers	Locate the telephone number for your country.	rok.auto/phonesupport
Technical Documentation Center	Quickly access and download technical specifications, installation instructions, and user manuals.	rok.auto/techdocs
Literature Library	Find installation instructions, manuals, brochures, and technical data publications.	rok.auto/literature
Product Compatibility and Download Center (PCDC)	Download firmware, associated files (such as AOP, EDS, and DTM), and access product release notes.	rok.auto/pcdc





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