

DCM 9000

Frequently Asked Questions

Q: Is the DCM 9000 compatible with DCM 8000 and other legacy DCMs?

A: Yes, the DCM 9000 is fully compatible with the DCM 8000 and other legacy DCMs.

Q: What versions of Niagara will the DCM 9000 support?

A: The DCM 9000 will be released with Niagara 4.13. It will only support running 4.13 and later releases of the Niagara Framework. It will not support running any previous releases.

Q: What are the main differences between the DCM 8000 and DCM 9000?

A: The difference between the DCM 8000 and DCM 9000 is that the DCM 9000 has improved performance, on board storage, uSD now backup, no backup port. The DCM 8000 and DCM 9000 have the same environmental specifications and are available as wireless and non-wireless (fully depopulated). Review the Quick Start Guide and Manual for additional differences in operation (available in the [Niagara Resource Center](#)).

Q: Are there any features or functionality that will not be available in the initial release?

A: Some functionality and features will not be available with the initial release. These are planned to be included with the Niagara 4.14 release.

This includes:

- DHCP server support for field bus devices on secondary Ethernet port
- 802.1X
- DR-CCN - Carrier Comfort Network driver Niagara 4 driver
- Wi-Fi (wireless model only)

Q: What connections are standard on the DCM 9000?

A: DCM 9000 non-wireless is available with the following connections:

- 24VAC/DC Power Supply, (2) isolated RS-485, 1 USB type C (Serial Shell), and (2)10/100/1000 Ethernet Ports
- DCM 9000 wireless model will be available with the above connections plus dual band Wi-Fi 5.

Q: How will Niagara software be offered on the DCM 9000?

A: The software and Niagara core models for the DCM 9000 will be equivalent to existing DCM 8000 models. There will be new models created to differentiate between the two. Example: NC-9005 for the DCM 9000 will be equivalent to NC-8005.

Q: Will a software maintenance agreement (SMA) be required?

A: Yes, the DCM 9000 will require an SMA.

Q: Are any drivers included with the DCM 8000?

A: Yes. Please refer to Tridium's list of Niagara 4 drivers, posted online in the [Tridium.com Library or niagara-community.com](#). Additional Tridium or third- party drivers can also be added.

Q: How does the DCM 9000 form factor and wiring connections compare to the DCM 8000?

A: DCM 9000 has the exact same footprint, size, and form factor as the DCM 8000. All wiring terminals are also in the exact same location. This was intentional to support easy and seamless retrofit opportunities.

Q: Will the DCM 8000 power supply and expansion modules work with the DCM 9000?

A: Yes, the existing WPM-8000 power supply will work with the DCM 9000. The DCM 9000 has the same power requirements and power connections as the DCM 8000.

The existing DCM expansion modules, NPB-8000-232, NPB-8000-2X-485, and NPB-8000-LON are fully supported and compatible with the DCM 9000. The same number and configuration of installations are also supported - see data sheet at [Tridium.com Library](#) more details.

Q: What Agency certifications does the DCM 9000 meet?

A: The DCM 8000 meets UL, CE, FCC, and numerous other standards. Please see the data sheet posted online at [Tridium.com Library](#) for a complete list of certifications.

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Q: Will the DCM 9000 have UKCA approval?

A: Yes, DCM 9000 will carry the UKCA certification.

Q: When will DCM 9000 have BACnet certification?

A: DCM 9000 is planned to be tested and certified to BACnet version 16 with the release of Niagara 4.14.

Q: What is the default IP address for all DCM 9000 units?

A: 192.168.1.140

Q: What are the default credentials and system passphrase?

A: Unlike the DCM 8000, the default credentials for all DCM 9000 units is admin/admin (regardless of branding). Default system passphrase is also admin.

Just like the DCM 8000, users must change the default credentials the first time they connect to the unit via serial shell or Workbench.

Q: What is the storage capacity of the DCM 9000 SD card?

A: The DCM 9000 will use an 8GB SD card. The full capacity of the SD card will be available for storing complete device backups. The DCM will create a full backup daily at 2:00 AM. It will continue to store incremental backups until the SD card is full. Once it is full the oldest existing backup will be deleted to make space for the new one.

Q: Will the host ID still be tied to the SD card?

A: Yes, just like the DCM 8000, the microSD card on the DCM 9000 will carry the host ID. A backup can be restored from a microSD card in a new device by providing the system passphrase from the device it was removed from.

Q: Can I take an SD card from a DCM 8000 and use it in DCM 9000?

A: No, SD cards are not compatible between DCM 8000 and DCM 9000.

Q: When will the Bluetooth functionality be available?

A: Bluetooth functionality will be available after the release of the wireless enabled model. At this time specific capabilities, functionality, and Niagara release version have not been determined.

Q: Will the DCM 9000 have branded clips?

A: Yes, DCM 9000 will offer branded clips. Please contact your sales representative for more details.

Q: Why do I only see 2 CPUs in workbench?

A: The DCM 9000 uses all 4-CPU cores at system startup. Once running, 2 cores are available to the station, 1 core available to the Niagara daemon, and the 4th core is running in reserve.

Q: How many histories are supported on DCM 9000?

A: The recommended limit is 10,000 histories, each with a capacity of 8,640 records. This equates to 90 days of data collection at 15-minute intervals. This is a 1.6X increase over the DCM-8000 capacity.

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