Allen-Bradley

Dynamix 2500 Extension Modules

Catalog Numbers 1441-DYN25, 1441-DYN25-Z, 1441-DYN25-4C, 1441-DYN25-MBMP, 1441-DYN25-MBAL, 1441-DYN25-MFRF, 1441-DYN25-MREC, 1441-DYN25-MRUC

License Usage

Each application extension Secure Digital (SD) card contains one application license that can be installed on one data collector at a time. Once an application is installed on a data collector, the card is locked so that it can only be used with that instrument. You can uninstall an application, freeing up the license. Once you have freed the license, you can install the application on a different data collector.
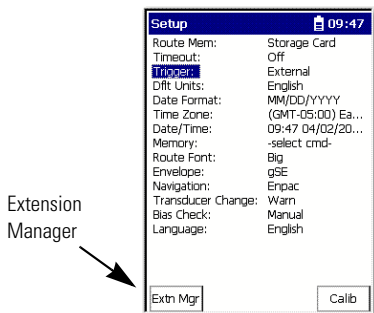
IMPORTANT	One installation card is required for each instrument that is upgraded.

Rockwell Automation

Install an Extension Module

Follow these instructions to install a Dynamix 2500 data collector extension module.
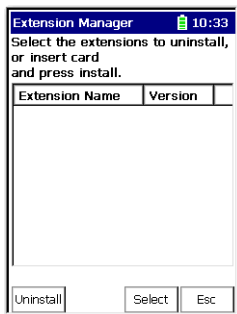
1. Open the base cover at the bottom of the Dynamix 2500 data collector.

2. Place the extension module SD card contact-side-up into the unit until it is firmly seated in place.

3. Close the base cover.

4. Apply power to the data collector.

5. From the Main Menu, select Setup Utility and press Enter.

6. Press 0 (Shift) to display the second set of functions.

Extension
Manager

Setup	🖫 09:47
Route Mem:	Storage Card
Timeout:	Off
Trigger:	External
Dflt Units:	English
Date Format:	MM/DD/YYYY
Time Zone:	(GMT-05:00) Ea...
Date/Time:	09:47 04/02/20...
Memory:	-select cmd-
Route Font:	Big
Envelope:	gSE
Navigation:	Enpac
Transducer Change:	Warn
Bias Check:	Manual
Language:	English

Extn Mgr	Calib

The Extension Manager function remains on the screen for about three seconds after releasing 0 (Shift).

7. Press F1 (Extn Mgr).

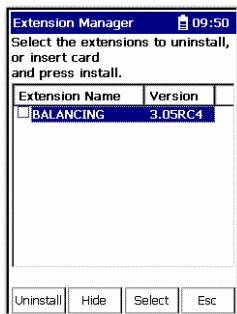The Extension Manager screen appears.

8. Press 0 (Shift) to display the Install extension function.

9. Press F2 (Install) to install the new extension module.

   When the installation is complete, a confirmation prompt appears.

   The new extension module appears in the list.

10. Press F4 (OK).

11. Press F4 (Esc) to exit the Extension Manager screen.

Additional Resources

These documents contain additional information concerning related Rockwell Automation products.

Resource	Description
Dynamix 2500 Data Collector User Manual, publication 1441-UM001	Describes how to configure the data connector, set up measurements, collect and review data, and load and unload data.
Dynamix 2500 Data Collector Bump Test Extension Module User Manual, publication 1441-UM002	Describes how determine natural (or resonant) frequencies of a machine or structure.
Dynamix 2500 Data Collector Balancing Extension Module User Manual, publication 1441-UM004	Describes the direct method to balance your rotating machinery in one or two planes.
Dynamix 2500 Data Collector Frequency Response Function Extension Module User Manual, publication 1441-UM003	Describes how to determine the natural frequencies of a machine or structure using modal hammer.
Dynamix 2500 Data Collector Time Recorder Extension Module User Manual, publication 1441-UM005	Describes how to use the data collector as a data recorder for real-time data acquisition, post processing, and analysis.
Dynamix 2500 Data Collector Run Up Coast Down Extension Module User Manual, publication 1441-UM006	Describes how to record and analyze data from intermittent events and transient vibration signals from non-steady state machines.
Emonitor User's Guide, publication EMONTR-UM001	Describes data management for predictive maintenance services.
Dynamix 2500 Data Collector Kit Release Notes, publication 1441-RN001	Provides important information on the latest updates, for example, firmware, certifications, warnings, and hardware changes for the data collector.
Industrial Automation Wiring and Grounding Guidelines, publication 1770-4.1	Provides general guidelines for installing a Rockwell Automation industrial system.
Product Certifications website, http://www.ab.com	Provides declarations of conformity, certificates, and other certification details.

You can view or download publications at http://www.rockwellautomation.com/literature.