

Firmware Revision Information**Product Code(s):** *All DKM and DKM FXC switches***Product Name(s):** *DKM FX and DKM FXC Firmware and Utility Tool***Date Modified:** *December 17th, 2024*

Operating System	Windows®	*Windows® 10 / 11 *Free memory 1 GB recommended
	MacOS	*MacOS 10.14 (Mojave) or later *Free memory 1 GB recommended
Specification	Java	*Java 11 is the minimum version required. However we recommend using a newer version of Java. https://adoptopenjdk.net https://github.com/adoptopenjdk/adoptopenjdk *On Windows® operating systems, the portable tool DKM EXE Tool requires no Java Installation

Release (December 17th, 2024)**DKM Tool 5.5.2.2****Bug Fixes:**

- Status & Updates – Update Matrix Firmware: Fixed bundled MATLOS update
- Status & Updates – Update Matrix Firmware: Fixed elapsed time counter in status bar

Release (August 15th, 2024)**DKM Tool 5.5.2.0****Improvements:**

- View – Matrix, View – Port: Display logged in users. Users can be logged out to view the context menu.
- Status bar: Show SSL icon when secure communication is enabled.
- Monitoring – Syslog/SNMP: Keep selection when sorting and filtering.
- Device Finder: Added additional connect button.
- Save Status: Disable saving EXT Units settings by default
- Status and Updates – Update Matrix Firmware: Redirect to design update panel if design update is required.
- Extender and Devices: Improved form layout.
- Supports Java 17 for Java Utility
- Monitoring: Invert value of HID sync bit
- Save Status: Fixed reading language resource information from I/O boards.
- Devices: Fixed factory reset of I/O boards in grid environment.

- View: Fixed loading of layouts including images
- Control: Fixed switching rules
- Status and Updates: Fixed detection of MATLOS version of redundant controller board.
- Extender and Devices: Added parameter direct link fallback and added device type Virtual Group
- Added event based communication
- Support of Japanese firmware version
- Added support for more units
- Improved switching rules for Exclusive Access Priority
- Improved encoding selection in OSD
- Show external libraries and licenses in help / about
- Improved performance of ACL tables
- Increased number of characters in several input fields (device names, system name, user name)
-

Bug Fixes:

- Fixed SSL communication
- Fixed JRE in Java Utility
- Fixed missing labels
- Fixed refreshing of view after restart or inserting / removing of an I/O board
- Fixed MATLOS update dependency check
- Fixed default button behavior
- Consideration of group rights for extended switching

Release (January 24th, 2024)

DKM Tool 5.4.2.0

Improvements:

- Status & Updates – Update Matrix Firmware: Added hardware compatibility checker.
- New filter option for all tables (i.e. in EXT Unit Assignment, CPU Device, Access Control, Favorites, etc.)
- View –Matrix: Added description for Channel Usage to I/O Port Symbols.
- Status & Updates – Update Matrix Firmware: Added several dependency checks to avoid incorrect combinations.
- System Settings – Switch: Added selection rules for Video Sharing, Force Connect, Force Disconnect.
- System Settings – IP Extender / IP Extender Settings: Enhanced label width.
- Extender and Devices – CPU Devices: Added selection rules for Allow Private and Force Private.
- Extender & Devices – CON Devices: Disable GPIO configuration when USB 2.0 module is used.
- Save Status: Improved data collection.

Bug Fixes:

- System Settings – Matrix Grid: Fixed dissolving of matrix grid, if one or more matrices were switched off.
- Extender & Devices – CPU devices / IP session configuration: Fixed session assignment.
- System Check: Removed wrong ENAREDFRM NOT SUPPORTED message for EXTDDCON devices
- Status & Updates – Miscellaneous / Custom UI Update: Fixed custom UI update.

Release (October 4th, 2023)

DKM Tool 5.4.0.1

Bug Fixes:

- Extender and Devices: Fixed Locate Extender Module for redundant link
- User Settings>>User and Groups: Ensure correct data size after matrix firmware update
- File/Import/Con Device, File/Import/CPU Device: Fixed reassignment of extenders

Release (July 24th , 2023)

DKM Tool 5.3.0.0

Features and Enhancements:

- Support of matrix firmware version 4.03
- Support of MORGPIO firmware
- Support of ECTCON and ECTCPU firmware
- Support of USBEHS3 firmware
- User Settings – User and Groups/Users: Added parameter 2 factory authentication when used with 4.03 firmware

Improvements:

- View Matrix/View Port: Added confirmation dialog for extender restart action
- System Settings – System: Removed parameters Remove I/O Boards
- System Settings – Network / SNMP: Added trap Extender Modular Status
- Extender and Devices – EXT Units / OSD Control Settings: Display module restart dialog after changes in Hot Mouse and Hot Key
- Extender and Devices – CPU Devices: Full support of 8 port CPU switch
- Extender and Devices – CPU Devices / IP Session config User Settings – User and Groups / Users: Increased user name and password length to 32 characters
- Save Status: Save log files of certain devices
- System Check: Enhanced grid configuration checks
- Revised labels and texts
- Improved internal firmware version string management
- View – Port: Fixed port usage detection
- Extender and Devices – CPU Devices: Fixed assign/copy/replacement button behavior.
- Extender and Devices – CPU Devices: 2 step access and access dialog must not be activated at the same time.
- User settings – users and groups: Fixed update of values in text fields.
- Extras / KM Switch Configurator: Fixed device detection on Linux operating system.

Bug Fixes:

- Control >> Extended Switch: Fixed displaying devices for admin and super user
- Save Status: Fixed reading IP gateway data
- Extender & Devices – CPU Devices / Monitor Arrangement: Fixed memory management.

Release (May 31st , 2023)

DKM Tool 5.2.0.1

Bug Fixes:

- Control >> Extended Switch: Fixed displaying devices for admin and super user
- Save Status: Fixed reading IP gateway data
- Extender & Devices – CPU Devices / Monitor Arrangement: Fixed memory management.

Release (January 1st , 2023)

DKM Tool 5.2.0.0

Features and Enhancements:

- Java 8 runtime no longer supported
- View-Matrix, View-Port: Display IP Gateway information in properties panel
- Status & Updates >> Update Extender Firmware: Added new dialog with deselect all option after automatic firmware selection.
- System Settings >> Network / LDAP: Support of up to 4 LDAP Servers. Added new parameter Base Search, Bind DN, and Bind Password.
- Support of matrix LED Locate
- Extender & Devices >> CPU Devices / Server Settings: Support of DNS Server 1, DNS Server 2, and MAC Address for IP CPU.
- Extender & Devices >> EXT Units / Parameters: Support foR parameter ENALOBW.
- Extender & Devices >> CPU Devices: Support for parameter Follow Session
- View >> Matrix: Added authentication dialog for controller board restart action.
- Control >> Extended Switch: Hide not accessible Console Devices for Power users (Login Lock)
- Status & Updates >> Update Extender Firmware: Disable update button during reload.
- System Settings >> IP Extender / Search IP Extender: Set apply button as default button.
- System Settings >> IP Extender / Search IP Extender: Removed parameter name.
- Extender & Devices >. CPU Devices / IP Session Config: Support User names with up to 32 characters.
- Assignment >. Multi Screen Control: Added verification of Multi-Screen Control configuration.
- Flash Update: Improved comparison of installed and update version.

Bug Fixes:

- File / Import: Fixed import of universal port extender data from csv file
- System Check: Fixed IP CPU Checks
- Fixed possible blocking of table filter