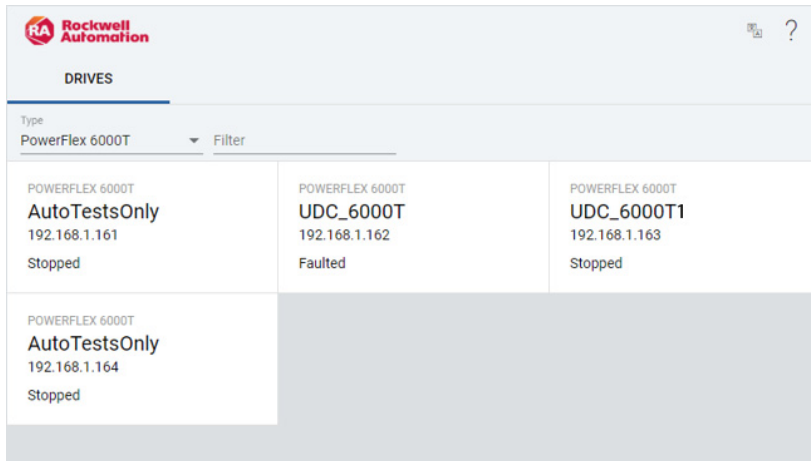


# Enhanced HIM Integrated Touch Screen Display

Catalog Number EHIM-T10CED4G

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The integrated touch screen display runs the intuitive Enhanced HIM application, which lets you easily configure, program, and monitor the status of PowerFlex® 6000T drives connected to your local subnet.



## Precautions

Follow these precautions when using the integrated touch screen display



**ATTENTION:** The integrated touch screen display supports input from a finger. The use of a glove is not recommended.



**ATTENTION:** Do not perform multiple operations simultaneously. Multiple simultaneous operations can result in unintended results.

- Touch only one operating element on the screen with one finger at one time.
- Do not rest your hand on the screen.

**IMPORTANT** Do not shut down the integrated touch screen display while a connected drive is running.

**IMPORTANT** Access to components behind the panel where the computer is installed is restricted to authorized and properly trained personnel. See the product documentation for your drive.

## Set Up the Integrated Touch Screen Display

This section describes procedures that can be used to set up the integrated touch screen display.

### Enter Task View to Access Windows from Full Screen Mode

The integrated touch screen display runs the Enhanced HIM application in full screen mode by default. To access Windows® features, swipe in from the left edge of the display to enter the task view.

### Set IP Address

By default, the integrated touch screen display is configured to use Dynamic Host Configuration Protocol (DHCP). In a DHCP configuration, the network automatically assigns the IP address, subnet mask, and default gateway address fields. You can use a static IP address if you prefer. See the Microsoft Windows® documentation for details on configuring a static IP address.

### Configure a Windows Password

By default, the Windows administrator account for the integrated touch screen display is configured without a password. You can add a password to this account if you want. See the Microsoft Windows documentation for details on adding a password.

### Adjust the Brightness of the Display

Use the Change Brightness Level system setting in Windows to change the brightness of the integrated touch screen display.

### Use the Virtual Keyboard

The integrated touch screen display is configured so that the virtual keyboard is enabled. The virtual keyboard will appear when you tap inside a text box.

### Update Windows

Microsoft regularly releases Windows security updates. By default, the integrated touch screen display is configured so that Windows updates are automatically downloaded and installed. If the integrated touch screen display is not connected to the Internet, it is your responsibility to check for and install Windows updates on a regular basis.

### Update the Enhanced HIM Application

Updates to the Enhanced HIM application can be obtained from the [Product Compatibility and Download Center \(PCDC\)](#). If the integrated touch screen display does not have Internet access, the file can be downloaded on another networked computer and shared with the integrated touch screen display. See the Microsoft Windows documentation for details on sharing a file over a network.

Follow these steps.

1. Download the appropriate zip file. (In the PCDC, search for 'Enhanced HIM').
2. Unzip the file.
3. Run the .exe file that was downloaded and unzipped.
4. Accept the EULA agreement to allow the install to proceed. After installation is completed, the application will launch in full screen mode.

### Restart the Integrated Touch Screen Display

If the integrated touch screen display was shut down via the Windows menu, or if you need to restart the display, use circuit breaker #10CB6 in the LV cabinet of the drive to cycle power to the display and restart the Enhanced HIM application.

1. Open the LV cabinet in the drive.
2. Reset circuit breaker #10CB6.
3. Close the LV cabinet.

The Enhanced HIM application launches automatically in full-screen mode.

# Navigate the Enhanced HIM Application

The application interface lets you easily navigate to the information you need.

What do you want to do?

**Set Language**

**See All Connected Drives**

Type	Name	Status
POWERFLEX 6000T	AutoTestsOnly	Stopped
POWERFLEX 6000T	UDC_6000T	Faulted
POWERFLEX 6000T	UDC_6000T1	Stopped
POWERFLEX 6000T	AutoTestsOnly	Stopped

**Monitor Drive Status and Customize Dashboard**

Parameter	Value	Unit
DC Bus Volts	449.67	VDC
Ctrl Pod Temp	41.25	°C
Output Frequency	10.00	Hz
Output Voltage	77.79	VAC
Output Current	6.89	A
Output Power	0.57	kW
Motor Voltage Fb	0.99	VAC
VRef Commanded	10.00	Hz
AC Line Freq	60.49	Hz

**Define Drive Properties and Power Configuration**

What do you want to do? (Continued)

**Set Drive Parameters, Create Custom Parameter Groups, and View Parameter Information Using Contextual Help**

**Monitor Faults and Alarms**

**Control the Drive**

## Troubleshooting the Integrated Touch Screen Display

Issue	Corrective Action
The touch screen display is not responding correctly to touches.	<ul style="list-style-type: none"> <li>Use care not to touch more than one screen element at a time. Multiple operations cannot be conducted simultaneously.</li> <li>Do not use a glove when operating the touch screen display.</li> <li>Check the touch screen display for damage and replace if required (see PowerFlex 6000T Drives Hardware Service Manual, publication <a href="#">6000-TG100</a>)</li> </ul>
Activation points are offset from touch points.	Check the touch screen display screen for damage and replace if required (see PowerFlex 6000T Drives Hardware Service Manual, publication <a href="#">6000-TG100</a> )
The touch screen display flickers or there are other abnormalities with the display.	Change the display setting for the touch screen display.
The touch screen display is not operating or the Enhanced HIM application appears to run slow.	Check that the associated drive is being used in an environment that meets the operating specifications of the drive. The integrated touch screen display has built-in thermal protection. When operating above recommended operating temperature, the touch screen will slow down or completely shutdown to protect the touch screen display from damage.
The touch screen display is not operating or won't boot.	Check input voltage. 12...30V is required range.
USB ports are not operational.	None. USB ports are intentionally disabled.

## Clean the Integrated Touch Screen Display

It is important to periodically clean the touch screen display. Follow these steps.

1. Switch to task view (see [Enter Task View to Access Windows from Full Screen Mode on page 2](#)) to minimize the Enhanced HIM application prior to cleaning. This helps prevent inadvertently activating a screen element while cleaning.



**ATTENTION:** It is possible for screen objects to activate during equipment wash-downs if the touch screen display is active. Switch to task view to minimize the Enhanced HIM application prior to cleaning.

2. Clean the touch screen display with a mild soap or detergent by using a clean sponge or a soft cloth.



**ATTENTION:** Do not use of abrasive cleansers or solvents, which can damage the touch screen display. Do not scrub or use brushes.

3. Dry the touch screen display with a chamois or moist cellulose sponge to avoid water spots.

## Additional Resources

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

Resource	Description
PowerFlex 6000T Drives Shipping and Handling Manual, publication <a href="#">6000-PC100</a>	Provides instructions for shipping and handling PowerFlex 6000T drives and related equipment.
PowerFlex 6000T Drives Hardware Service Manual, publication <a href="#">6000-TG100</a>	Provides instructions for daily recurring drive usage, HMI interface, and maintenance tasks for the product's end user.
PowerFlex 6000T Drives Programming Manual, publication <a href="#">6000-PM100</a>	Provides detailed information on drive features, programming parameters, and troubleshooting faults and alarms.
EtherNet/IP Network Devices User Manual, <a href="#">ENET-UM006</a>	Describes how to configure and use EtherNet/IP™ devices to communicate on the EtherNet/IP network.
Ethernet Reference Manual, <a href="#">ENET-RM002</a>	Describes basic Ethernet concepts, infrastructure components, and infrastructure features.
System Security Design Guidelines Reference Manual, <a href="#">SECURE-RM001</a>	Provides guidance on how to conduct security assessments, implement Rockwell Automation products in a secure system, harden the control system, manage user access, and dispose of equipment.
Industrial Components Preventive Maintenance, Enclosures, and Contact Ratings Specifications, publication <a href="#">IC-TD002</a>	Provides a quick reference tool for Allen-Bradley industrial automation controls and assemblies.
Safety Guidelines for the Application, Installation, and Maintenance of Solid-state Control, publication <a href="#">SGI-11</a>	Designed to harmonize with NEMA Standards Publication No. ICS 1.1-1987 and provides general guidelines for the application, installation, and maintenance of solid-state control in the form of individual devices or packaged assemblies incorporating solid-state components.
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://rok.auto/certifications">rok.auto/certifications</a> .	Provides declarations of conformity, certificates, and other certification details.

# Rockwell Automation Support

Use these resources to access support information.

<b>Technical Support Center</b>	Find help with how-to videos, FAQs, chat, user forums, and product notification updates.	<a href="http://rok.auto/support">rok.auto/support</a>
<b>Knowledgebase</b>	Access Knowledgebase articles.	<a href="http://rok.auto/knowledgebase">rok.auto/knowledgebase</a>
<b>Local Technical Support Phone Numbers</b>	Locate the telephone number for your country.	<a href="http://rok.auto/phonesupport">rok.auto/phonesupport</a>
<b>Literature Library</b>	Find installation instructions, manuals, brochures, and technical data publications.	<a href="http://rok.auto/literature">rok.auto/literature</a>
<b>Product Compatibility and Download Center (PCDC)</b>	Download firmware, associated files (such as AOP, EDS, and DTM), and access product release notes.	<a href="http://rok.auto/pcdc">rok.auto/pcdc</a>

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## Waste Electrical and Electronic Equipment (WEEE)







At the end of life, this equipment should be collected separately from any unsorted municipal waste.

Rockwell Automation maintains current product environmental information on its website at [rok.auto/pec](http://rok.auto/pec).

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For technical support, visit [rok.auto/support](http://rok.auto/support).

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