

Firmware 17.10 Canvas Release Notes

Horner Automation has released a new Firmware revision for all **Canvas products**.

This is available for download from the firmware section at the following websites:

North American Website <https://hornerautomation.com/controller-firmware>

European Website <http://www.hornerautomation.eu>

Latest System File Revisions for Products:	
Firmware	17.10
FPGA	0.2
Operating System	4.19.49
System Version	82

A NOTE ABOUT FIRMWARE UPDATES:

This firmware has been thoroughly tested, and every precaution has been taken to prevent the introduction of new issues that may be problematic in your application. It is always important for customers to perform their own internal system testing before deployment of the new firmware.

Firmware 17.10 – New Features	
1.	<p>Added: OCS360 support.</p> <p>Note(s)</p> <ul style="list-style-type: none"> Requires Cscape version 10.1 onwards OCS360 status information is now consistent with MQTT.
2.	<p>Added: Provision to slide in (Show/Hide) zoom in/out and cursor control on the trends and graph objects.</p> <p>Note: Requires Cscape version 10.1 onwards.</p>
3	<p>Added: Support for multiple USB video streaming.</p> <p>Note: Requires Cscape version 10.1 onwards</p>
4.	<p>Added System register bit for System Menu access (Mantis #13895)</p> <p>Note: Requires Cscape version 10.1 onwards</p>
5.	<p>Added Security Improvements: Ethernet ports are opened only if configured in Cscape and downloaded to the device.</p>
6.	<p>Added: “Set Local ID” option is supported for both CsCAN and CANOpen network types.</p> <p>Note: Requires Cscape version 10.1 onwards</p>
7.	<p>Added: Keypad and Spinner options in the text table graphic object configuration.</p> <p>Note: Requires Cscape version 10.1 onwards</p>

Firmware 17.10 – Bug Fixes		
#	Main Subject	Description
1.	ASCII Object Keyboard	Resolved: The upper case for characters was enabled after the user enters “.” (dot) on the device keyboard.
2.	NMT Start Command After Powering Up	Resolved: The device was not sending the NMT start command to CANOpen devices after powering up.
3.	Web Page – Forcing Screen with Logic	Resolved: Forcing a user screen with logic was not changing the screen on webpages. Note: Requires Cscape version 10.1 onwards
4.	Force During Debug Mode	Resolved: Forcing was not working when the unit was placed in debug mode.

Firmware 17.10 – Bug Fixes		
5.	%SR182 Bits Update	Resolved: %SR182 (Active alarm) bits were not updated correctly.
6.	WebMI – Inputs from Physical Keyboard	Resolved: User Login object was not accepting inputs from the physical keyboard on webpages.
7.	Switching to RUN Mode from Onscreen Object	Resolved: Controller displayed a system exception when the unit was switched to RUN mode from an onscreen object.
8.	WebMI Plus On Mobile - Portrait Mode	Resolved: WebMI Plus was not working in portrait mode on mobile devices.

Firmware 17.10 – Known Issues		
#	Subject	Description
1.	WebMI Plus – Switch/Button Delayed Responsiveness	If the switch is turned to ON, it does not instantly turn on the WebMI. Instead, it first turns on the device and then turns on the WebMI.
2.	WebMI Plus – Mobile Devices	Multiple XY Graph / Trend objects when configured in single screen do not work on mobile devices.
3.	External Mouse	The mouse scroll is not working.
4.	External Keyboard	The Up/Down arrow keys are not working for spinners for moving pages up and down in the System Menu.
5.	Video Object	Video object does not work for some video Codecs such as H264 – MPEG – 4 AVC (part10) (avc1)
6.	WI-FI in Client Mode	The device requires a power cycle for WI-FI to work when the user downloads the WI-FI client program after downloading the access mode program.
7.	Splash Screen	Canvas 10D Only Does not display a splash screen for a second time as compared to other Canvas models during boot-up.
8.	Fill Color	The Circular Bar graph is not updated with fill color when the Enhanced display attributes are configured as Dynamic.
9.	Selector Object on Mobile Portrait Mode	The Selector object does not display correctly in Mobile Portrait Mode for some web designer plus models.

Firmware 17.10 – Known Issues

10.	Historical Data on Web Page	Historical data of the trends object is not supported on web pages.
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