

# **QuickPanel+™ IPI**

## **IMPORTANT PRODUCT INFORMATION**

## Warnings and Caution Notes as Used in this Publication

### WARNING

Warning notices are used in this publication to emphasize that hazardous voltages, currents, temperatures, or other conditions that could cause personal injury exist in this equipment or may be associated with its use.

In situations where inattention could cause either personal injury or damage to equipment, a Warning notice is used.

---

### CAUTION

Caution notices are used where equipment might be damaged if care is not taken.

---

**Note:** Notes merely call attention to information that is especially significant to understanding and operating the equipment.

These instructions do not purport to cover all details or variations in equipment, nor to provide for every possible contingency to be met during installation, operation, and maintenance. The information is supplied for informational purposes only, and Emerson makes no warranty as to the accuracy of the information included herein. Changes, modifications, and/or improvements to equipment and specifications are made periodically and these changes may or may not be reflected herein. It is understood that Emerson may make changes, modifications, or improvements to the equipment referenced herein or to the document itself at any time. This document is intended for trained personnel familiar with the Emerson products referenced herein.

Emerson may have patents or pending patent applications covering subject matter in this document. The furnishing of this document does not provide any license whatsoever to any of these patents.

Emerson provides the following document and the information included therein as-is and without warranty of any kind, expressed or implied, including but not limited to any implied statutory warranty of merchantability or fitness for particular purpose.

# Overview

The QuickPanel+ Operator Interface is an all-in-one micro-computer designed for maximum flexibility. It is a high-resolution touchscreen operator interface with a variety of communications options. Users can connect to most industrial equipment using the QuickPanel+ communications ports.

## Firmware Upgrades

### Download Instructions

Depending on the device the user wishes to update, the user will need to navigate and locate the appropriate firmware image at the links in Step 1.

1. Click on one of the links below that corresponds with your device and locate the appropriate OS Image and Build Number.

**Quickpanel+ 6"**

[https://emerson-mas.force.com/communities/en\\_US/Download/Firmware-update-for-QuickPanel-6-with-Windows-CE-NET-v7-00-Windows-Embedded-Compact-7-DN-DN4362-enUS](https://emerson-mas.force.com/communities/en_US/Download/Firmware-update-for-QuickPanel-6-with-Windows-CE-NET-v7-00-Windows-Embedded-Compact-7-DN-DN4362-enUS)

**Quickpanel+ 7"**

[https://emerson-mas.force.com/communities/en\\_US/Download/Firmware-update-for-QuickPanel-7-with-Windows-CE-NET-v7-00-Windows-Embedded-Compact-7-DN-DN4145-enUS](https://emerson-mas.force.com/communities/en_US/Download/Firmware-update-for-QuickPanel-7-with-Windows-CE-NET-v7-00-Windows-Embedded-Compact-7-DN-DN4145-enUS)

**Quickpanel+ 10"/12"/15"**

[https://emerson-mas.force.com/communities/en\\_US/Download/Firmware-update-for-QuickPanel-10-12-and-15-with-Windows-CE-NET-v7-00-Windows-Embedded-Compact-7-DN-DN4185-enUS](https://emerson-mas.force.com/communities/en_US/Download/Firmware-update-for-QuickPanel-10-12-and-15-with-Windows-CE-NET-v7-00-Windows-Embedded-Compact-7-DN-DN4185-enUS)

**Note:** If you do not know or are unsure of which device you own, please contact Support at one of the links located at the end of this document.

2. Download the corresponding OS Image Update - zip file from above links and unzip the contents to a new folder.

3. Read and carefully follow the instructions provided in Upgrade Installation Instructions Document.txt file in the ZIP document from Step 2.

Please read the new instructions for OS update/Firmware update in QuickPanel+FirmwareUpdateNew.pdf. These instructions are available for download at the links in Step 1 and are applicable only from the following Quickpanel+ Build versions:

- QuickPanel+ 7inch (Build 21 or later)
- QuickPanel+ 10/12/15 inch (Build 12 or later)
- QuickPanel+ 6 inch (Build 1 or later)

# Release History

## Release History for IC755CSS06RDA (6" Units)

Part Number	Date	Description
IC755CBS06RDA-DU IC755CSS06RDA-DU IC755CSS06RDACA-DU	Sep 2023	<ul style="list-style-type: none"> <li>Web Upgrade Kit for Firmware Build 18_18B release</li> <li>Product labels have been updated to show compliance with new certifications. For updated certifications, please refer to <a href="https://emerson-mas.force.com/communities/en_US/Article/Certifications-and-Agency-Approvals-Landing-Page">https://emerson-mas.force.com/communities/en_US/Article/Certifications-and-Agency-Approvals-Landing-Page</a>.</li> </ul>
IC755CBS06RDA-CT IC755CSS06RDA-CT	Mar 2023	<ul style="list-style-type: none"> <li>Web Upgrade Kit for Firmware Build 17_17B release.</li> <li>Updated Buzzer Part Model Number from QMX-05 to TE122405-2</li> </ul>
IC755CSS06RDA-CS	Dec 2020	Web Upgrade Kit for Firmware Build 16_16B release
IC755CSS06RDA-CR	Nov 2020	Web Upgrade Kit for Firmware Build 15_15B release
IC755CSS06RDA-CQ	Nov 2019	<ul style="list-style-type: none"> <li>Rebranding under Emerson guidelines</li> </ul>
IC755CSS06RDA-BN	Jan 2019	<ul style="list-style-type: none"> <li>Firmware Build 13_13B release-</li> <li>ROM changed to NAND Flash 512MB</li> </ul> Quick Start Guide changed to GFK-2893N
IC755CSS06RDA-AM	Jul 2018	Web Upgrade Kit release for Firmware Build 12 release
IC755CSS06RDA-AJ	Jul 2017	<ul style="list-style-type: none"> <li>Web Upgrade Kit for Firmware Build 09 release</li> </ul>
IC755CSS06RDA-AE	Dec 2015	<ul style="list-style-type: none"> <li>Microsoft changed the COA label design</li> <li>Added China RoHS mark (Circle 5) and DC symbol on product label</li> <li>Added China RoHS mark (Circle 5) on carton label</li> <li>Added China RoHS Hazardous material declaration document</li> <li>Updated QSG revision with "M"</li> </ul> Updated IMR document revision with "A"
IC755CSS06RDA-AA	Mar 2015	Initial release

## Release History for IC755CSW07CDA (7" Units)

Part Number	Date	Description
IC755CBW07CDA-FZ IC755CSW07CDA-AFBD	Jun 2024	<ul style="list-style-type: none"> <li>Web Upgrade Kit release for Firmware Build 41 and Build 41D</li> </ul>
IC755CBW07CDA-FY IC755CSW07CDA-AFBC IC755CSW07CDACA-AGBC	Sep 2023	<ul style="list-style-type: none"> <li>Web Upgrade Kit release for Firmware Build 40 and Build 40D</li> <li>Product labels have been updated to show compliance with new certifications. For updated certifications, please refer to <a href="https://emerson-mas.force.com/communities/en_US/Article/Certifications-and-Agency-Approvals-Landing-Page">https://emerson-mas.force.com/communities/en_US/Article/Certifications-and-Agency-Approvals-Landing-Page</a></li> </ul>
IC755CSW07CDA-AEBB	Mar-2023	Updated Buzzer Part Model Number from QMX-05 to TE122405-2
IC755CSW07CDA-AEBB	Dec 2020	Firmware build 39 and 39D release
IC755CBW07CDA-EW IC755CSW07CDA-AEBA IC755CSW07CDACA-AFBA	Oct 2020	Firmware build 38 and 38D release
IC755CSW07CDA-EZ	Mar 2020	Web Upgrade Kit release for Firmware Build 37 and Build 37D
IC755CSW07CDA-EY	Nov 2019	Rebranding under Emerson guidelines
IC755CSW07CDA-DW	Mar 2019	Firmware build 35_35D release <ul style="list-style-type: none"> <li>RAM changed to DDR3512MB</li> <li>ROM changed to NAND Flash 512MB</li> <li>Quick Start Guide changed to GFK-2893N</li> </ul>
IC755CSW07CDA-CV	Jul 2018	Firmware build 34 release
IC755CSW07CDA-CS	Jul 2017	F/W build number updated to 31 from 25 along with Web Upgrade Kit
IC755CSW07CDA-CN	Feb 2016	Firmware build 31 release
IC755CSW07CDA-CL	Dec 2015	<ul style="list-style-type: none"> <li>Firmware build 25 release</li> <li>Removed "GE Intelligent Platforms" and added "General Electric" company name.</li> <li>Added GE postal address on the product label.</li> <li>Added EAC marking a on product label.</li> <li>Added China RoHS mark (Circle 5) and DC symbol on product label</li> <li>Quick Start Guide changed to GFK-2893M</li> <li>User Manual changed to GFK-2847U</li> <li>Added installation and maintenance requirement document (GFK-2981)</li> <li>Added China RoHS Hazardous material declaration document</li> </ul>

Part Number	Date	Description
		<ul style="list-style-type: none"> <li>Microsoft changed the COA label design</li> <li>Updated QSG revision with "M"</li> <li>Updated IMR document revision with "A"</li> </ul>
IC755CSW07CDA-CG	May 2015	Firmware build 21 release and UL Type 4X details added under label
IC755CSW07CDA-BF	Apr 2015	Firmware build 20 release
IC755CSW07CDA-BE	Oct 2014	Initial release of version -BE driven by: <ol style="list-style-type: none"> <li>C1D2 marking</li> <li>Pre-installed battery</li> </ol>
IC755CSW07CDA-AE	Apr 2014	Initial release of version -AE driven by new firmware update V1.00 (Build17)
IC755CSW07CDA-AD	Mar 2014	Initial release of version -AD driven by new UL mark
IC755CSW07CDA-AC	Feb 2014	Initial release of version -AC driven by new firmware update V1.00 (Build 16)
IC755CSW07CDA-AB	Dec 2013	Initial release of version -AB driven by new firmware update V1.00 (Build 14)
IC755CSW07CDA-AA	Sep 2013	<ul style="list-style-type: none"> <li>Introduce and release new QuickPanel+ Part Numbers.</li> <li>Attached RoHS DoC to mfg p/n</li> <li>Attached PPD, Labels, and Firmware to the QuickPanel+ P/N respectively</li> <li>ECCN 5A002.b1</li> </ul>

## Release History for IC755CSS10CDA (10" Units)

Part Number	Date	Description
IC755CBS10CDA-CV IC755CSS10CDA-CV IC755CSS10CDACA-DV	Sep 2023	Product labels have been updated to show compliance with new certifications. For updated certifications, please refer to <a href="https://emerson-mas.force.com/communities/en_US/Article/Certifications-and-Agency-Approvals-Landing-Page">https://emerson-mas.force.com/communities/en_US/Article/Certifications-and-Agency-Approvals-Landing-Page</a>
IC755CSS10CDA-BV	Dec 2020	Firmware Build 28 release
IC755CSS10CDA-BU	Nov 2020	Firmware Build 27 release
IC755CSS10CDA-BT	Nov 2019	Rebranding under Emerson guidelines
IC755CSS10CDA-AQ	Jul 2018	Web Upgrade Kit for Firmware Build 24 release
IC755CSS10CDA-AM	Jul 2017	Web Upgrade Kit for Firmware Build 21 release
IC755CSS10CDA-AG	Dec 2015	<ul style="list-style-type: none"> <li>Firmware Build 16 release.</li> <li>Added EAC marking a on product label.</li> <li>Removed "GE Intelligent Platforms" and added "General Electric" company name.</li> <li>Added postal address on the product label</li> <li>Added installation and maintenance requirement document (GFK-2981)</li> </ul>

		<ul style="list-style-type: none"> <li>• Microsoft changed the COA label design</li> <li>• Added China RoHS mark (Circle 5) and DC symbol on product label</li> <li>• Added China RoHS Hazardous material declaration document</li> <li>• Updated QSG revision with "M"</li> <li>• Updated IMR document revision with "A"</li> <li>• User Manual changed to GFK-2847U</li> </ul>
IC755CSS10CDA-AC	May 2015	Firmware Build 12 release
IC755CSS10CDA-AB	Mar 2015	Firmware Build 11 release
IC755CSS10CDA-AA	Aug 2014	Initial release of version -AA

## Release History for IC755CSS12CDB (12" Units)

Part Number	Date	Description
IC755CBS12CDB-DV IC755CSS12CDB-DV IC755CSS12CDBCA-EV	Sep 2023	Product labels have been updated to show compliance with new certifications. For updated certifications, please refer to <a href="https://emerson-mas.force.com/communities/en_US/Article/Certifications-and-Agency-Approvals-Landing-Page">https://emerson-mas.force.com/communities/en_US/Article/Certifications -and-Agency-Approvals-Landing-Page</a>
IC755CSS12CDB-CV	Dec 2020	Firmware build 28 release
IC755CSS12CDB-CU	Nov 2020	Firmware build 27 release
IC755CSS12CDB-CT	Nov 2019	Rebranding under Emerson guidelines
IC755CSS12CDB-BQ	Jul 2018	Web Upgrade Kit for Firmware Build 24 release
IC755CSS12CDB-BM	Jul 2017	<ul style="list-style-type: none"> <li>Mounting bracket qty changed to 8 from 4.</li> <li>Web Upgrade Kit for Firmware Build 21</li> </ul>
IC755CSS12CDB-BG	Dec 2015	<ul style="list-style-type: none"> <li>Firmware Build 16 release.</li> <li>Added EAC marking a on product label.</li> <li>Removed "GE Intelligent Platforms" and added "General Electric" company name.</li> <li>Added postal address on the product label</li> <li>ATEX certification obtained for Conformal Coat</li> <li>Module</li> <li>Added ATEX markings on product labels.</li> <li>Added installation and maintenance requirement document (GFK-2981)</li> <li>Microsoft changed the COA label design</li> <li>Added China RoHS mark (Circle 5) and DC symbol on product label</li> <li>Added China RoHS Hazardous material declaration document</li> <li>Updated QSG revision with "M"</li> <li>Updated IMR document revision with "A"</li> </ul>
IC755CSS12CDB-BC	May 2015	Firmware Build 12 release and UL Type 4X details added in label
IC755CSS12CDB-AB	Mar 2015	Firmware Build 11 release

## Release History for IC755CSS15CDA (15" Units)

Part Number	Date	Description
IC755CBS15CDA-CV IC755CSS15CDA-CV IC755CSS15CDACA-DV	Sep 2023	Product labels have been updated to show compliance with new certifications. For updated certifications, please refer to <a href="https://emerson-mas.force.com/communities/en_US/Article/Certifications-and-Agency-Approvals-Landing-Page">https://emerson-mas.force.com/communities/en_US/Article/Certifications-and-Agency-Approvals-Landing-Page</a>
IC755CSS15CDA-BV	Dec 2020	Firmware Build 28 release
IC755CSS15CDA-BU	Nov 2020	Firmware build 27 release
IC755CSS15CDA-BT	Nov 2019	Rebranding under Emerson guidelines
IC755CSS15CDA-AQ	Jul 2018	Firmware build 24 release
IC755CSS15CDA-AM	Jul 2017	Firmware build 21 release
IC755CSS15CDA-AG	Dec 2015	<ul style="list-style-type: none"> <li>Firmware Build 16 release.</li> <li>Added EAC marking a on product label.</li> <li>Removed "GE Intelligent Platforms" and added "General Electric" company name.</li> <li>Added postal address on the product label</li> <li>ATEX certification obtained for conformal coat modules. Added ATEX markings on the product labels.</li> <li>Added installation and maintenance requirement document (GFK-2981)</li> <li>Microsoft changed the COA label design</li> <li>Added China RoHS mark (Circle 5) and DC symbol on product label</li> <li>Added China RoHS Hazardous material declaration document</li> <li>Updated QSG revision with "M"</li> <li>Updated IMR document revision with "A"</li> </ul>
IC755CSS15CDA-AC	May 2015	Firmware build 12 release
IC755CSS15CDA-AB	Mar 2015	Firmware build 11 release
IC755CSS15CDA-AA	Sep 2014	Initial release of version -AA

## Functional Compatibility

Subject	Minimum Version Required/Description
Firmware Version	IC755CSS06RDA-CT (Firmware Version 17 & 17B) IC755CSW07CDA-AFBB (Firmware Version 39 & 39D) IC755CSS10CDA-BV (Firmware Version 28) IC755CSS12CDB-CV (Firmware Version 28) IC755CSS15CDA-BV (Firmware Version 28)
Programmer Version	PAC™ Machine Edition 8.50 SIMs or later

Requirements	
--------------	--

# New Features or Enhancements for IC755CSW07CDA (7" Units)

Subject	Description
N/A	N/A

# Problems Resolved for IC755CSW07CDA (7" Units)

Subject	Description
ID1037	VNC will only launch manually after power start up

# Restrictions and Open Issues

Subject	Description
Security Testing	<ol style="list-style-type: none"> <li>1. ARP Grammar (L1)</li> <li>2. TCP SYN Storm (L1/L2)</li> </ol>
Storage Limit	128 MB limitation in Hardware – documented and accepted by Product Manager
Security Issue	FTP Server is unsecured
VNC	The VNC server running on QuickPanel+ gets closed when the Ethernet cable is plugged in or plugged out. In this case, the user can re-launch the VNC server from the 'Launch Application' tool.

# Operational Notes

Subject	Description
N/A	N/A

# Product Documentation

- GFK-2893 QuickPanel+ Quick Start Guide
- GFK-2847 QuickPanel+ User Manual

User manuals, product updates and other information sources are available on the Emerson support website. Please see the support links provided at the end of this document.

# Support Links

Home link: <http://www.Emerson.com/industrial-automation-controls>

Knowledge Base: <https://www.Emerson.com/iac-support>

## Customer Support and Contact Information

### Americas

Phone: 1-888-565-4155  
1-434-214-8532 (If toll free option is unavailable)

Customer Care (Quotes/Orders>Returns): [customercare.mas@emerson.com](mailto:customercare.mas@emerson.com)  
Technical Support: [support.mas@emerson.com](mailto:support.mas@emerson.com)

### Europe

Phone: +800-4444-8001  
+420-225-379-328 (If toll free option is unavailable)

Customer Care (Quotes/Orders>Returns): [customercare.emea.mas@emerson.com](mailto:customercare.emea.mas@emerson.com)  
Technical Support: [support.mas.emea@emerson.com](mailto:support.mas.emea@emerson.com)

### Asia

Phone: +86-400-842-8599  
+65-3157-9591 (All other Countries)

Customer Care (Quotes/Orders>Returns): [customercare.cn.mas@emerson.com](mailto:customercare.cn.mas@emerson.com)  
Technical Support: [support.mas.apac@emerson.com](mailto:support.mas.apac@emerson.com)

Any escalation request should be sent to: [mas.sfdcescalation@emerson.com](mailto:mas.sfdcescalation@emerson.com)

**Note:** If the product is purchased through an Authorized Channel Partner, please contact the seller directly for any support.

Emerson reserves the right to modify or improve the designs or specifications of the products mentioned in this manual at any time without notice. Emerson does not assume responsibility for the selection, use or maintenance of any product. Responsibility for proper selection, use and maintenance of any Emerson product remains solely with the purchaser.

© 2024 Emerson. All rights reserved.

Emerson Terms and Conditions of Sale are available upon request. The Emerson logo is a trademark and service mark of Emerson Electric Co. All other marks are the property of their respective owners.

