

CYLON® TECHNICAL BULLETIN NO. 504

Issue Date: 09 November 2022

FBVi, FBTi, FBXi, CBXi Firmware 9.2.0

Products Affected: FBXi-X256, FBXi-X48, FBTi-7T7-1U1R, FBVi-2U4-4T-IMP, FBVi-2U4-4T-SI, FBVi-2U4-4T, FBVi-2U4-4T-FA-IMP, FBVi-2U4-4T-FA-SI, CBXi-8R8, CBXi-8R8-H

Summary

This is an incremental build from the previous version that fixes reported issues and adds enhancements. Also, support has been added for new **FBTi-7T7-1U1R** controller.

Features

Support for the new **FBTi-7T7-1U1R** controller has been added.

Cyber security has been enhanced as follows:

- The option to disable the USB ports has been added, minimizing the device physical attack surface.
- Device security has been hardened by:
 - All controller communications has been moved to HTTPS.
 - An option to disable SSH access to the controller has been added.
 - For FLXeon products only, device security has been enhanced with the latest versions of OpenSSL, TLS 1.3 and deprecating TLS 1.0 and TLS 1.1.
 - Support for HSTS has been added, for setups where HTTP to HTTPS redirects are enabled along with a valid certificate with an assigned domain name.
 - The option to completely disable HTTP has been added.

FusionAir Module Enhancement

- Added a "Zone Temperature Input" to the FusionAir Module and a configuration setting to display that Zone Temperature value on the FusionAir device in the place of the local sensor's value.
- Support for forthcoming new commissioning mobile app, **Aero^{CT}**, has been added.

IMPORTANT NOTE: New controllers will ship with HTTP disabled by default. HTTP -to-HTTPS redirects can be enabled in the controller webpage.

RESOLVED ISSUES

- An issue which affected strategy file upload (outside of the Full Upload & Download mechanism) has been fixed.
- BACnet strings are no longer wiped when a wipe of the "binary unit strings" is carried out.
- The behaviour when a large number BACnet slave devices are connected has been optimized.

Customer Impact

Customers wishing to use this latest firmware for their controllers can upgrade when as soon as convenient.

The firmware can be download from our support web sites:

- North America <https://cyloncommunity.com/>
- Europe/ROW <http://support.cylon.com/>