



Software Package for ThingsPro Edge Series (v2.2.1 build 3369 for UC-8200 and UC-8100A-ME-T Series) Release Notes

Version: v2.2.1	Build: 3369
Release Date: Jan 25, 2022	

Applicable Products

UC-8210-T-LX/T-LX-S, UC-8220-T-LX/T-LX-US-S/T-LX-EU-S/T-LX-AP-S, UC-8112A-ME-T-LX/ME-T-LX-AP/ME-T-LX-US/ME-T-LX-EU

Supported Operating Systems

Moxa Industrial Linux (Debian 9)

New Features

- Restoration function for Azure IoT Edge (AIG Series only).
- Device provisioning with X.509 certificate via Azure IoT Edge (AIG Series only).
- NAT (Network Address Translation) function for connected devices so that they can access the Internet.
- Supports connecting a Azure IoT Edge device, acting as a transparent gateway, to the Azure IoT Device for communicating with the Azure IoT Hub.
- Adds bulk data upload to Sparkplug in Store & Forward.
- Command-line functions for retrieving status and traffic logs of the Modbus Master. For additional information on the command-line functions, visit https://thingspro-edge.moxa.online/v2.2.0/user-manuals/southbound_services/modbus.html.
- Tag Overview to monitor real-time values of tags and write values into writable tags.
- Firewall to ensure secure connectivity based on predefined rules for inbound traffic.
- Certificate Center to present service certificates, including the trusted root CA (Certificate Authority).

Enhancements

- Upgrades Azure IoT Edge runtime environment to v1.1.4.
- Allows manual upgrade/downgrade of Azure IoT Edge runtime environment.
- Allows the update/upgrade of Debian packages.
- Improves the upgrade mechanism to ensure success.
- Adds more options to the time zone selection.

Bugs Fixed

- MQTT TLS version cannot be configured as 1.0.
- Incorrect WAN Interface information displayed in the System Overview.
- Conversion of the maximum value of uint64/int64 in the register is not precise.
- Topics with the same name can be created for different Modbus interfaces.
- Some memory tags will be missed by MQTT Broker if the Overview page is closed when the pull operation is in progress.
- Selected tags in a message cannot be sent out simultaneously within a given send-out-threshold.

Changes

N/A

Notes

For a complete list of series/models supported, refer to <https://thingspro-edge.moxa.online/v2.2.1/releases/index.html>



Version: v2.2.0	Build: 3074
Release Date: Jul 28, 2021	

Applicable Products

UC-8210-T-LX/T-LX-S, UC-8220-T-LX/T-LX-US-S/T-LX-EU-S/T-LX-AP-S, UC-8112A-ME-T-LX/ME-T-LX-AP/ME-T-LX-US/ME-T-LX-EU

Supported Operating Systems

Moxa Industrial Linux (Debian 9)

New Features

- Supports the OPC UA Server protocol.
 - Supports configuration reset.
 - Adds RESTful API for managing Wi-Fi clients.
 - Supports retrieval of endorsement key by Azure IoT Edge.
 - Adds Moxa DLM Service under Cloud Connectivity*.
 - Supports provisioning of configuration settings to ThingsPro Proxy.
- * Note: The Moxa DLM Service is currently only available to customers in Taiwan.

Enhancements

- Improved the network routing stability.
- Improved the memory usage chart display on the System Overview page.
- Improved the server connection status display for Sparkplug.
- Improved the response format for the API invocation of MQTT.

Bugs Fixed

- Incorrect MAC address of DHCP Client in the message payload.
- Wi-Fi AP cannot connect when Broadcast SSID is disabled.
- Incorrect data type (from uint to int) in the TagHub for Modbus tags.
- Default route becomes obsolete after cellular function is enabled.

Changes

N/A

Notes

- For a complete list of series/models supported, refer to <https://thingspro-edge.moxa.online/v2.2.0/releases/index.html>.



Version: v2.1.1	Build: Build 2821
Release Date: Mar 31, 2021	

Applicable Products

N/A

Supported Operating Systems

N/A

New Features

- First release.

Enhancements

N/A

Bugs Fixed

N/A

Changes

N/A

Notes

- This software package is for use in Arm-based computers and for Moxa Industrial Linux v1.0.