

Software Name: ThingsPro v2.5.0 installation file

Version No.	Build Date No./ Release Date	Supported OS	Apply to Models	New Features/ Enhancements	Bugs Fixed/Changes	Note
-------------	------------------------------	--------------	-----------------	----------------------------	--------------------	------

Software Name: ThingsPro v2.5.0 installation file

Version No.	Build Date No./ Release Date	Supported OS	Apply to Models	New Features/ Enhancements	Bugs Fixed/Changes	Note
v2.5.0	Build 18112901	Moxa Industrial Linux (Debian 9)	N/A	<p>New Features:</p> <ol style="list-style-type: none"> 1. Support Fail2ban—an intrusion prevention software framework that protects against brute-force logins to the SSH server. 2. Support dual SIM for specific models with multiple SIM-card slots. 3. Support NE CLI command, mx-tp-ctl to enable/disable ThingsPro. 4. Support data upload to Aliyun (Alibaba Cloud). 5. Support DHCP server maximum lease time of up to 30 days. 6. Support an API token to extend the expiration date for up to 7 days. 7. Support user-defined IP routing rules. 8. ThingsPro Gateway is run on Linux Kernel 4.4 and Debian 9. 9. Additional devices supported: UC-2104-LX, UC-3101-T-US-LX, UC-3101-T-EU-LX, UC-3101-T-AU-LX, UC-5112-LX, and UC-5112-T-LX. <p>Enhancements:</p> <ol style="list-style-type: none"> 1. Installation process no longer requires model name. 2. Automatically scan available storage paths for cloud apps. 3. The maximum length of the tag name has been increased to 128 bytes. 4. The maximum numbers of tags per equipment has been increased to 1024. 5. Azure IoT SDK upgraded to version 2018-07-11. 6. Mosquitto version upgraded to 1.4.15-0mosquitto4. 	<p>Bugs Fixed:</p> <ol style="list-style-type: none"> 1. Error displaying bytearrays in Modbus. 2. Connection retry if tag polling fails. 3. Remove legacy configuration files mxmodbusmaster.init and mxmodbusgateway.init. 4. Too many events logged in the syslog file 5. Error: mantis (0000015) write coil fail. 6. Modbus slave crashes if tag polling fails. 7. Remove valid MAC check because it is not necessary. 8. CoAP is not one of options available when uploading data to Azure IoT. 9. Date and time of exported configuration and log files remain the same as the first time. <p>Changes:</p> <p>N/A</p>	N/A

Software Name: ThingsPro v2.5.0 installation file

Version No.	Build Date No./ Release Date	Supported OS	Apply to Models	New Features/ Enhancements	Bugs Fixed/Changes	Note
				7. Web UI enhancements.		