LT-4200 SW v1.01 Release Notes

Product Identification

Product Name: LT-4200 Satellite Communications System (Iridium Certus® 200)

Unit and Part Numbers: LT-4210 Control Unit   P/N: 51-102664

LT-3120 Handset   P/N: 51-100988

LT-3121 Cradle   P/N: 51-101181

LT-4230 Antenna Unit   P/N: 51-102640 (Maritime)

LT-4230L Antenna Unit P/N: 51-103149 (LandMobile)

SW Identification

SW Part Number: 71-102662

SW Version: 1.01R   Build Number: 0004

Release Date: 10. March 2023

SW Update: ☒ Optional   ☐ Recommended   ☐ Mandatory

File Name: LT-4200-v1.01R-0004.lti   File size: 39.1 MB

Checksum (MD5):   dd75039c8d9761fff37e080f487d91d2

Downloads: https://thrane.eu/lt-4200-iridium-certus-200/

Contact: support@thrane.eu

New functions:

- LT-4200L Certus® 200 System (LandMobile)

  The system now supports the LT-4230L Antenna Unit. If an 4230L Antenna Unit is connected the system will display "LandMobile" in the GUI, under Unit Information, and in the Web Server. The LT-4230L Antenna Units are locked to the Iridium Certus® 200 LandMobile service (fixed installation).

- Networking - Secondary Data Flow

  Support added for the Iridium Secondary Data Flow (SDF) services (requires subscription). Each SDF is accessed on the CU LAN interface on a separate VLAN.

- Remote access

  The user or service provider now has the possibility of accessing the built-in web server from remote.

Changes:

- None

Bug fixes:

- Firewall blocks traffic

  An error could occur that would reset the firewall causing it to block more traffic than it should.

SW Update Procedure

Follow this procedure to upload new software to the LT-4200 system:

1) Connect the LT-4210 Control Unit directly to a PC using an Ethernet cable or connect the LT-4210 Control Unit to a Local Area Network (LAN), where a PC is connected.
2) Identify the IP address that is assigned to the LT-4210 Control Unit. The IP address can be read out from the UI Display interface (Menu -> System -> Network: IP Address). The IP address is valid if the 'Link Status' is showing 'Up'. The IP address is assigned dynamically by a DHCP server (default).
3) From the PC, start a browser (e.g., Microsoft Edge, Explorer, or Chrome) and type in the IP address, which was identified in the LT-4210 Control Unit (e.g., 169.254.1.1).
4) The browser might show you a warning about an invalid web server certificate. Make sure, that you have typed in the correct IP address.
5) Press 'Details' and you will be presented for an extended page view (including a link), which will direct you to the LT-4200 System dashboard 'Go on to the webpage (Not recommended)'. You will now see the LT-4200 system dashboard (default login username: admin / password: admin).
6) Select the 'Software update' webpage and click the 'Browse…' button to select the LT-4200 system file, which must be uploaded to the system. The LT-4200 software image has the following filename (example): LT-4200-v1.01R-0004.lti
7) Finally click the 'Upload' button to start the upload of the new software image. The upload and installation of the software image will take a few minutes. Progress bars can be monitored on the software update web page, while the software update is on-going.
8) The LT-4200 system will reboot once the software image is installed in both the control unit and antenna unit.