

Release 2.0.11

Release Date: 2013-06-10

Package Elements:	Revision:
AP Bootloader	0.0.2 (no change)
AP Kernel	0.0.5 (no change)
AP RootFS	2.0.11
Integrated CM	1.0.0.31
OIB MCU	2.1.6
OIB DSP	0.1.8

New Features Added in TD220X Firmware

2.0.6 - 3/13/2013

- Includes Integrated CM software version 1.0.0.25

2.0.7 - 4/9/2013

- Includes Integrated CM software version 1.0.0.30

2.0.8 - 4/18/2013

- CM software version 1.0.0.31 (WSM scheduling and duplicate elimination)

2.0.9 - 5/16/2013 (intermediate release for troubleshooting lock-up issue)

- Includes Integrated CM software version 1.0.0.31
- radiomgr issues dekey commands each second for 12 seconds, then once every 12 seconds
- radiomgr sends LogDiagMessage if STFP logging is enabled to (log port + 100)

2.0.10 - 5/28/2013

- Adds patch to re-enable A/D if MCU gets stuck in receiving state where stop_atod() turned off the A/D but rx_entry() never turned it on. This can happen due to erratic keying strobes when an OTA sync'd unit is having trouble syncing to beacons that are not properly aligning in slot 0 due to PPS differences at the base radios.
- Includes Integrated CM software version 1.0.0.31
- radiomgr issues dekey commands once every 60 seconds starting 60 seconds after OTA sync loss
- removed radiomgr UDP diagnostic message from 2.0.9

2.0.11 - 6/10/2013

- Revert parameter table to match 2.0.9 (in order to be compatible with CM 1.0.0.31)

Known Errata and Limitations in TD220X Firmware

- The radio must be rebooted when the STFP epoch size is changed in the menu.

Special Notes for TD220X Firmware

- When powering up with upgraded radio firmware, the radio may remain in the “Initialization” state (as shown on the initial menu screen) for up to 5 minutes while the internal processors are reprogrammed. The radio will not start operating until it has reached the “Operational” state.
- This release is not compatible with any versions of the TD220 (non-X) firmware.