

# Radiocrafts

Embedded Wireless Solutions

## AN016: TINYMESH ENCRYPTION

APPLICATION NOTE

We Make Embedded Wireless  
Easy to Use

# Tinymesh Encryption Enabling

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## Introduction

Use RC232-CCT to enable and disable encryption and for entering new 16-bytes AES128 encryption key.

## Encryption and Decryption enabling

Enter config mode and send M-command and sequence '0x51 0x04 0xFF', then exit config mode via X.

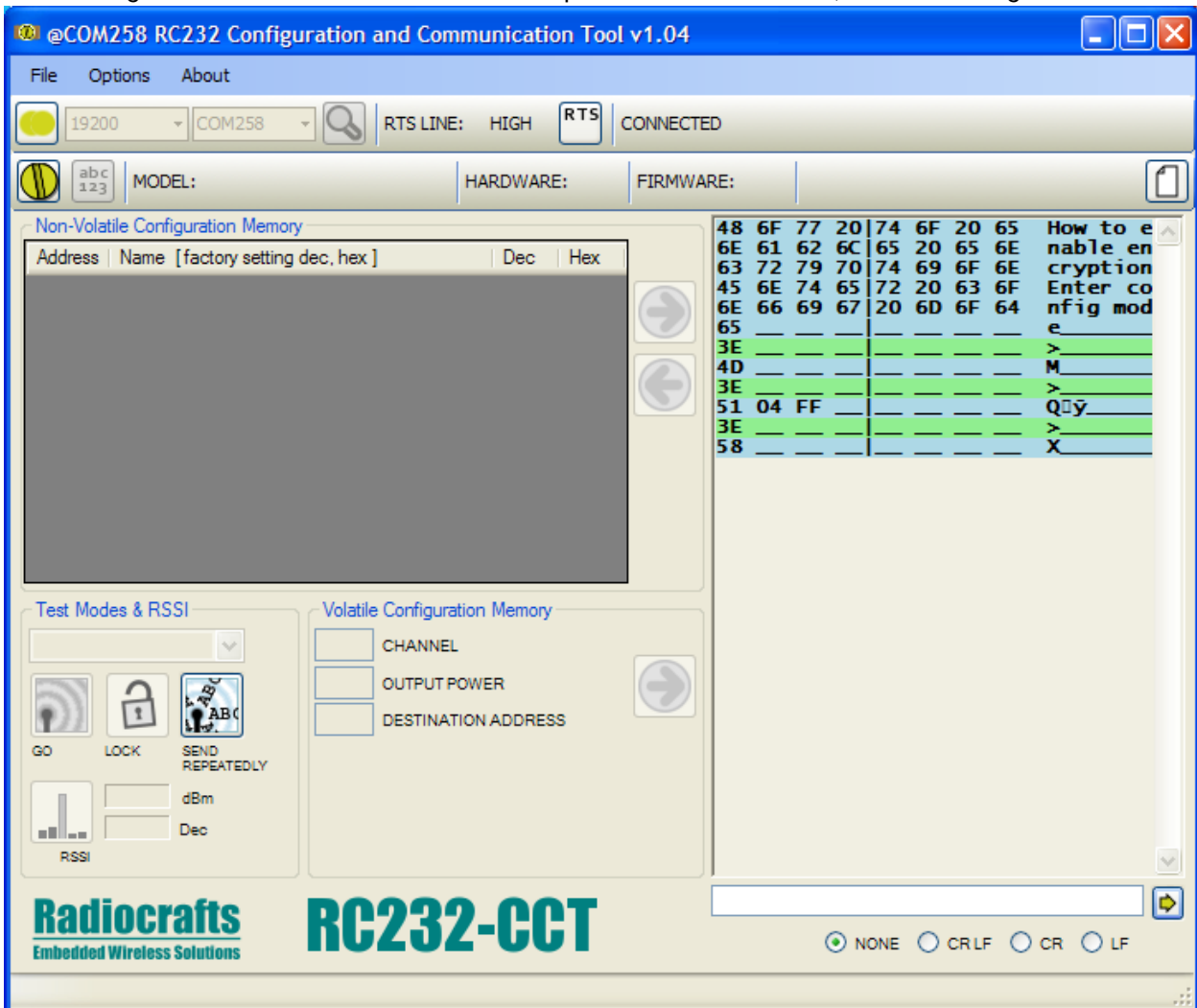
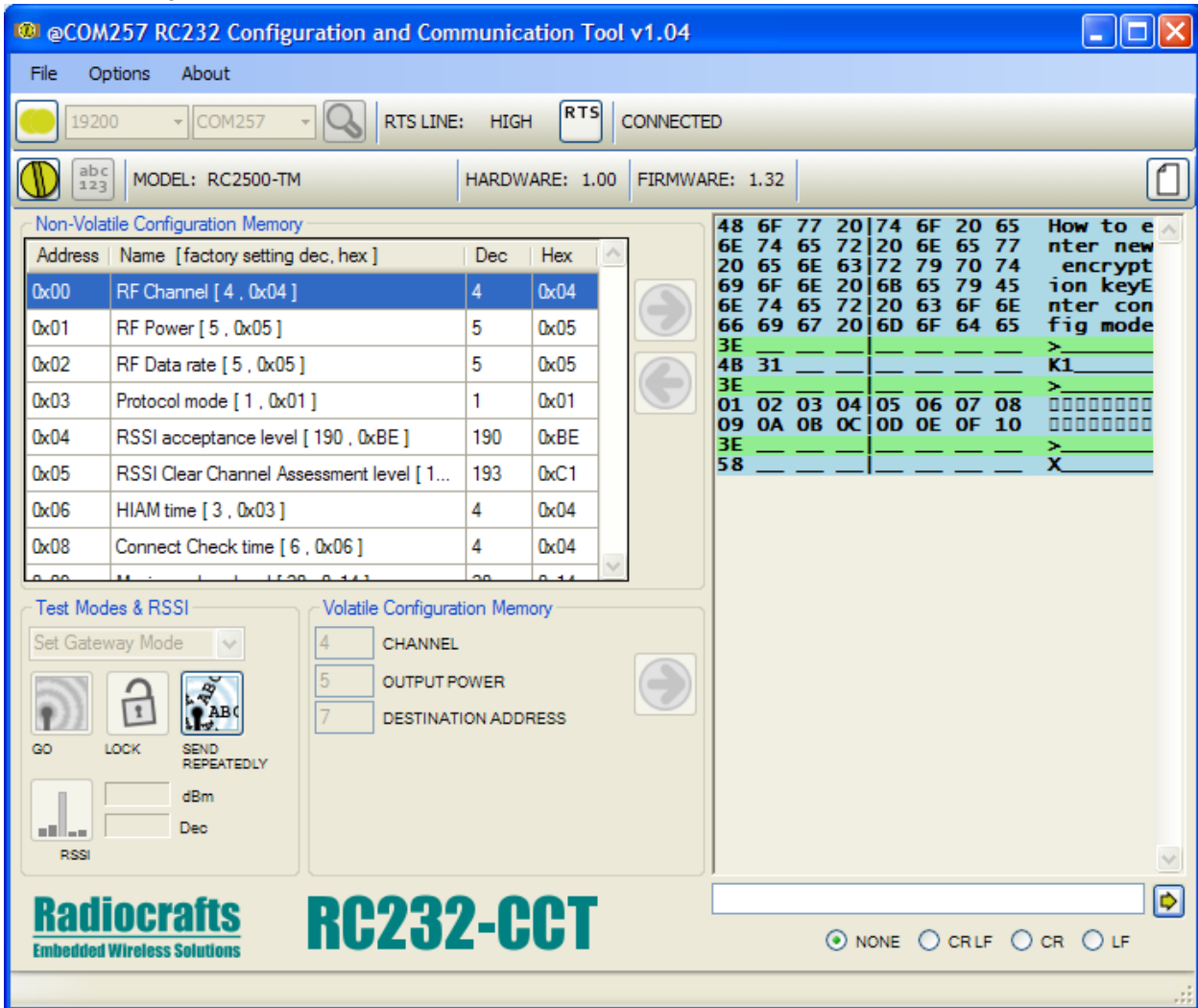


Figure 1: How to enable encryption mode via M-command using CCT. The sequence itself is starting from first prompt '>'

**Enter new AES128 16-bytes key**

Enter config mode and send K1 and wait for prompt from module.

Then send 16 byte key, for instance '1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16' and wait for module prompt, then exit config mode via X.



**Figure 2: How to enter new AES128-key via K-command using CCT. The sequence itself is starting from first prompt '>'**

### Document Revision History

Document Revision	Changes
1.0	First release
1.1	Design Update

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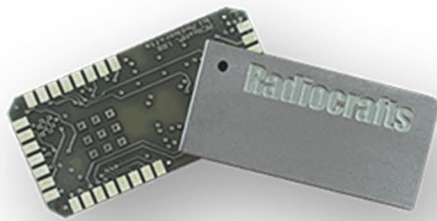
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