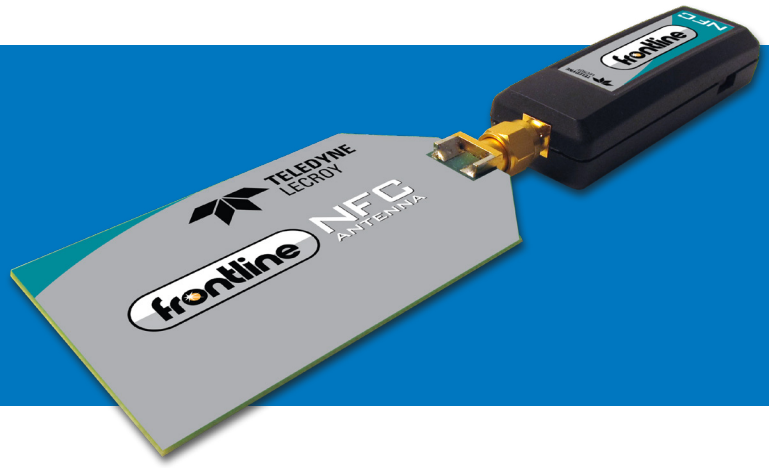
TELEDYNE LECROY
Everywhereyoulook™

Frontline® NFC

NCF-A, NFC-B and NFC-F Protocol Analyzer



Key Features and Benefits

- See events as they occur through live decoding and decryption of encrypted data
- Compact footprint delivers big features to developers of NFC and Bluetooth technologies
- USB-powered means excellent portability and simpler device setup - just plug into the USB port and go!
- Excellent Value
  The low-cost ComProbe NFC features maximum value for the money
- Industry-best Decodes
  NFC decodes that no one else in the industry can match
- Maximum Flexibility
  DecoderScript lets you specify decodes for custom protocols
- Faster to Market
  Reduces debug time with simultaneous live capture, display, decode, filtering and detection of protocol errors

As Near Field Communication technologies are incorporated in consumer electronics with increasing frequency, developers have demanded a product that can debug and analyze this set of standards accurately and affordably. Frontline has the answer - the Frontline NFC Protocol Analyzer, a low cost, portable and feature-rich analysis tool that comes packed with the quarter century of decoding experience that has made us the industry expert in communications analysis.

NFC Developers Looking for the Right Tool for the Job

Frontline NFC harnesses the power of the Frontline Protocol Analysis System software to analyze and debug NFC technology as used in applications demanding device to device, device to tag, and device as tag data transfer. Bluetooth® developers exploiting the out of band pairing aspect of NFC communications will find a place for the Frontline NFC on their workbench.

The Frontline NFC Protocol Analyzer is a portable, USB-powered, and affordable tool for the NFC and Bluetooth developer, and features the rich decoding toolset represented by the powerful Frontline Protocol Analysis System software that lives at the core of all Frontline developer-class protocol analysis products.

Two billion NFC-enabled devices are in use today (IHS). NFC is driving the explosion of mobile payments and leading the way to commissioning and controlling the predicted 36 billion IoT devices in use by 2020. (Gartner)

Hardware Specifications

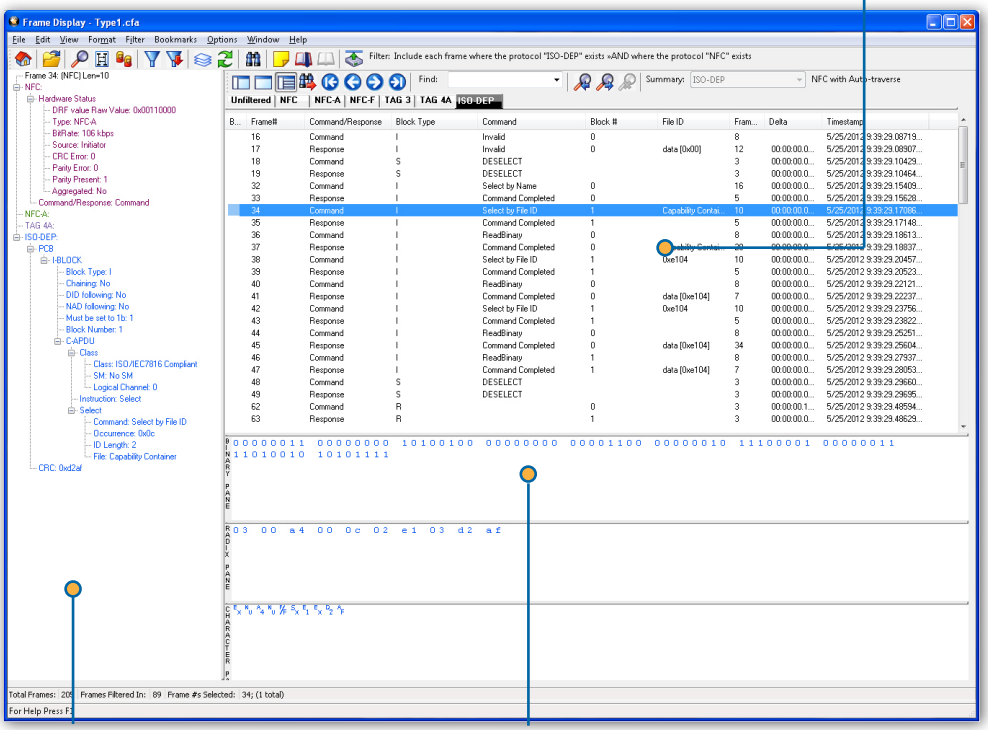
- **Bus Type:**
  USB 2.0 Type A, compatible with USB 1.1
- **Operating Frequency:**
  13.56 MHz
- **Power:**
  USB Powered
- **Dimensions (assembled):**
  5.87" X 1.57" X .59"
  149mm X 40mm X 15mm
- **Weight (assembled):**
  < 1 oz
- **Temperature:**
  Storage Temperature: 0° to 40° Celsius
  32° to 104° Fahrenheit

  Operating Temperature:
  5° to 55° Celsius
  41° to 95° Fahrenheit
- **Humidity:**
  Operating: 10% to 90% RH
  (noncondensing)

Decoding Support

- Supports NFC-A and NFC-B (106 Kbps)
- Supports NFC-F (212 Kbps, 424 Kbps)
- ISO Data Exchange Protocol (ISO-DEP) for Type 4A and 4B Tag Platforms
- NFC Data Exchange Protocol (NFC-DEP) and Logical Link Control Protocol (LLCP) for Peer-to-Peer communications
- NFC Data Exchange Format (NDEF)
- Simple NDEF Exchange Protocol (SNEP) and NDEF Push Protocol (NPP)
- Connection Handover including Bluetooth Out-of-Band (OOB) Pairing

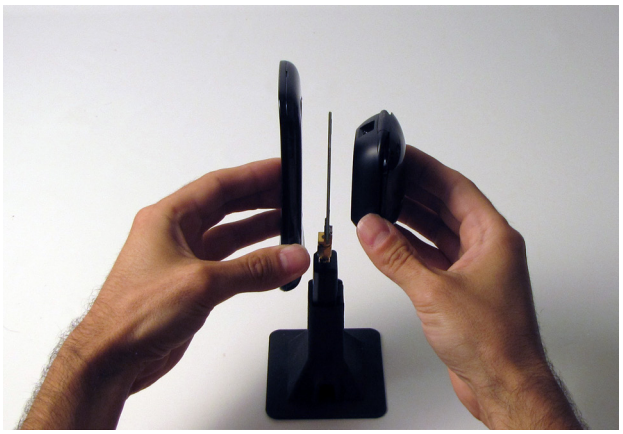
Summary Pane displays a one line overview of each data frame/message. Click on any line to reveal detail in mutiple panes below.



Decode Pane shows comprehensive layered decoders of each frame/message with clear, concise descriptions.

Logical Data Pane shows data in binary, hex and character format.

The Frontline NFC Protocol Analyzer includes the NFC hardware interface (consisting of the main unit, detachable antenna and stand) which supports the non-intrusive wireless capture of NFC communications, and the powerful Frontline software.



Ordering Information

Product Description
Frontline NFC-A, NFC-B and NFC-F Protocol Analyzer

Product Code
2014-16000-000

To order or for more information:

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