

Overview

This is an OS upgrade for Intermec IF2 RFID readers

Supported Hardware

IF2

IF2 with additional application memory (fifth digit in configuration number is a 1 ex: IF2A01)

Version number

2.00.1200.1

Version History

2.00.1200.1 February 25, 2014

2.00.1200 February 9, 2014

2.00.1002 March 12, 2013

1.06.0016 September 12, 2011

1.05.0369 February 14, 2011

****New functionality****

Serial port access (/dev/ttyS01) for customer installed applications.

The serial port on the IF2 is typically reserved for serial configuration and in some cases, BRI over serial. This makes it unavailable to customer installed applications on readers with additional memory installed.

For customer applications needing access to the serial port, The boxes under \security\serial configuration\Enable Serial Login as well as "\RFID services\BRI\BRI Server\Enable BRI on serial port" can be unchecked. The Serial port will be then available for use in customer applications on /dev/ttyS01, but no longer provide access to the serial configuration menus. The baud rate for that port can be modified in the web configuration under RFID Services/BRI Server/Serial Baud Rate. It should also be noted that users will still see some system messages come from the serial port during the initial startup process.

In order to discover the IP of a unit with serial disabled, get Serial access @ 115200,8,n,1 and reboot the IF2

As soon as you see "loading system" press !!!!!!! and keep going until it sends you to firmware recovery screen. The reader will advance through the menus automatically and show the assigned IP. Reboot the reader and you should be able to open a web interface to the reader over that IP.

****Improved functionality****

Improved software debounce code for GPIO.

Removed external access to TCP port 111 and 2049.

Improved 'reboot' command functionality from customer installed applications.

****Known issues****

Smart Systems is currently not functional on builds 2.00.1200 and 2.00.1200.1

Additional Information

IF2 specifications, downloads and manuals are available for download at
<http://www.intermec.com/products/rfidif2a/downloads.aspx>