V54.17.x
Summary of Firmware Changes

This document summarizes the following V54.16.x firmware releases:

Firmware Release Number	Release Date	See Page
V54.17.14Z	09 April 2014	page 1
V54.17.12Z	28 August 2012	page 2
V54.16.3ZA	25 October 2010	page 2
V54.16.3Z	31 December 2009	page 3
V54.16.2Z	15 August 2009	page 3
V54.16.1ZD	26 May 2009	page 3
V54.16.1ZC	10 March 2009	page 4
V54.16.1ZB	12 January 2009	page 4
V54.16.1Z	09 May 2008	page 4

V54.17.14Z

Release Date: 09 April 2014

This firmware release includes features of the previous V54.17.12Z release. It is for use with the following printer models:

• HC100

Changes

• None.

Issues Corrected

• Wristbands will no longer be intermittently be pulled back into the cartridge if the user installs a cartridge and then powers up.

V54.17.12Z

Release Date: 28 August 2012

This firmware release includes features of the previous V54.16.3ZA release. It is for use with the following printer models:

- HC100

Changes

- The HC100 Printer now supports print speeds of 4ips on specific media cartridges
- The HC100 Printer now supports a WLAN radio.

Issues Corrected

- Printing is no longer interrupted when a print job using RTC rolls over to 00:00.
- The Datamatrix barcode is now more tolerant of data that uses spaces in the `^FD` data.
- The printer will not reset when using `~HQPP` or `~WQPP`.
- *Invalid selection. Press Enter to continue* no longer appears when hitting Enter during a telnet (port 23) session.
- Print servers now properly handle fragmented TCP packets.

V54.16.3ZA

Release Date: 25 October 2010

This firmware release includes features of the previous V54.16.3Z release. It is for use with the following printer models:

- HC100

Changes

None.

Issues Corrected

- The Print Server will now completely close a connection after a connection timeout.

V54.16.3Z

Release Date: 31 December 2009

This firmware release includes features of the previous V54.16.2Z release. It is for use with the following printer models:

- HC100

Changes

None.

Issues Corrected

- Multiple connections being opened and closed at the same time will no longer cause labels to print out of order.

V54.16.2Z

Release Date: 15 August 2009

This firmware release includes features of the previous V54.16.x release. It is for use with the following printer models:

- HC100

Changes

- Firmware version number updated with no functional changes.

V54.16.1ZD

Release Date: 26 May 2009

This firmware release includes features of the previous V54.16.x release. It is for use with the following printer models:

- HC100

Issues Corrected

- The wired and wireless print servers will now close the connection when the Host resets a connection that does not contain any data.

V54.16.1ZC

Release Date: 10 March 2009

This firmware release includes features of the previous V54.16.x release. It is for use with the following printer models:

• HC100

Changes

• Autoexec files will now only run once the media cartridge has been inserted.

Issues Corrected

• Improved media cartridge recognition.

• Unnecessary media movements will now not occur when a new media cartridge is loaded.

V54.16.1ZB

Release Date: 12 January 2009

This firmware release includes features of the previous V54.16.x release. It is for use with the following printer models:

• HC100

Issues Corrected

• The internal 10/100 Print Server now responds to TCP packets when sent at a high rate.

• The print server will remain on-line after a very high level of NetBIOS traffic.

• The print server will now respond correctly to LPQ Stat inquiries and LPD job control messages.

• The printer will now retain the default gateway address after a power cycle.

• Autoexec.zpl files are now processed correctly during start up.

V54.16.1Z

Release Date: 09 May 2008

This is the initial firmware release for the following printer models:

• HC100

New Features

New implementation to support new printer models.

- Supports ZPL II, XML, and ZBI 2.0

- Supports internal wired and wireless printing

- New SetGetDo commands*

* See the current ZPL Programming Guide for a complete list of the new commands. The ZPL Programming Guide is available for download from http://www.zebra.com/manuals.

Table 1 lists the security types that are supported by the Internal Wireless Plus Print Server.

**Table 1 • Security Types Supported on the
Internal Wireless Plus Print Server**

Security Type	Supported?	Security Type	Supported?
Open	Yes	WPA- EAP-FAST	Yes
EAP-FAST	Yes	WPA- EAP-TLS	Yes
EAP-TLS	Yes	WPA- EAP-TTLS	Yes
EAP-TTLS	Yes	WPA- PEAP	Yes
Kerberos	Not Supported	WPA2 - LEAP	Yes
LEAP	Yes	WPA2 - PSK	Yes
PEAP	Yes	WPA2- EAP-FAST	Yes
WEP (40 bit and 128 bit)	Yes	WPA2- EAP-TLS	Yes
WPA - LEAP	Yes	WPA2- EAP-TTLS	Yes
WPA - PSK	Yes	WPA2- PEAP	Yes

Wireless Notes

The following items are issues Zebra has noted during testing with various wireless networking products:

- It is recommended to set WPA Handshaking to 1000.

- It is recommended to disable the Aironet Extensions.

- It is recommended to use Cisco Access Point firmware 12.3(8)JAE1 or later.

For support, please visit www.zebra.com/support or refer to the contact options below:

Geographic Location	Telephone	Toll-free	FAX
The Americas	+1-847-955-2299	+1-877-ASK-ZEBRA	—
Asia Pacific	+65-6858-0722	—	+65 6885 0838
Europe, Africa, Middle East, India	Please contact your supplier.		