

AR18D/E Release Notes

05/31/2005

Overview

This document describes the features/bug fixes included in software release **AR18D/E** for the Leadtek BVA805x family of VoIP terminal adapters.

Supported Hardware

This release supports the following hardware:

- **BVA8051S** 1FXS, 1FXO, 1LAN
- **BVA8052D** 2FXS, 2 LAN (switched)
- **BVA8053RL** 1FXS, 1 WAN, 1 LAN (router)
- **BVA8055** 1FXS, 1 LAN

Feature list

The following new features are included in this release:

- iLBC - internet Low Bitrate Codec. This is a low bandwidth codec with a payload bitrate of 13.33kbps or 15.20kbps for 30ms and 20ms frames respectively.
- GSM codec. This is a low bandwidth codec with a payload bitrate of 13.2kbps.
- BVA8053R/RL Interactive Voice Response (IVR) for reading and/or setting IP address, netmask, gateway, DNS, and DHCP or Static IP mode. Now supported on all models.
- RFC3842 Message waiting indicator compliance
- Callerid length support up to 20 digits

Checksums

The following checksum values should be displayed on the web page of a unit running this release. Note the downloader may be an earlier version depending on when the unit was manufactured. The downloader does not get updated when new application code is downloaded.

Note: Only the application on BVA8053R/RL is updated to AR18E, all other code is version AR18D.

BVA8051S/SL

Application Code Version: SIP AR18D (LDTK US) checksum cc7d

Downloader Code Version: AR18D (LDTK US) checksum df46

BVA8052D/DL

Application Code Version: SIP AR18D (LDTK US) checksum 63d8

Downloader Code Version: AR18D (LDTK US) checksum 94a

BVA8053R/RL

Application Code Version: SIP AR18E (LDTK US) checksum c9a6

Downloader Code Version: AR18D (LDTK US) checksum e4cb

BVA8055

Application Code Version: SIP AR18D (LDTK US) checksum acb0

Downloader Code Version: AR18D (LDTK US) checksum afcc