

# CEA Standard

IP-Based Digital Telephony for the  
Versatile Home Network

CEA-851.1-A

February 2009



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(Formulated under the cognizance of the CEA's **R7 Home Network Committee**.)

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# **IP-Based Digital Telephony for the Versatile Home Network**

## **FOREWORD**

This standard was developed under the auspices of the R-7.4 Joint CEA/VESA Subcommittee.

The Video Electronics Standards Association (VESA) established the VESA Home Network (VHN) Committee in 1995 to develop architecture for a digital, broadband home network. The VHN standard was initially developed by the VESA Home Network Committee. However, it was never ratified as a VESA standard.

In June 1999, the Consumer Electronics Association (CEA) established the R7 Committee to help harmonize the several efforts being undertaken to develop home networking standards. In January 2000, the Board of Directors of VESA and the Board of Directors of the Consumer Electronics Association agreed to merge the VESA Home Network and the CEA R7 Committee, by establishing the CEA R7.4 Subcommittee.

After publication of CEA-851, the "VHN Home Network Specification," in October, 2000, R7.4 immediately began work on expanding and augmenting Version 1 of the standard. In order to avoid delays in making new material available, as new sections are developed, they will be issued as separate standards in the 851 series. This standard, CEA-851.1-A, specifies the implementation of digital telephony in the VHN.