



***Society of Cable
Telecommunications
Engineers***

**ENGINEERING COMMITTEE
Digital Video Subcommittee**

AMERICAN NATIONAL STANDARD

ANSI/SCTE 105 2005

**Uni-Directional Receiving Device Standard for
Digital Cable**

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1 SCOPE

1.1 Uni-Directional Receiving Device Overview

The goal of this standard is to define certain requirements for host devices that are interoperable across cable systems in North America. Information is presented in this document to define the minimum requirements for Uni-Directional Receiving Devices (“UDRDs”) to operate on North American Digital Cable systems. This standard details requirements on UDRDs necessary to ensure that the UDRD:

- (1) Will not technically disrupt, impede or impair delivery of services to cable subscribers,
- (2) Will not cause physical harm to the cable network or the POD¹,
- (3) Will not facilitate theft of service or otherwise interfere with reasonable actions taken by Cable Operators to prevent theft of service,
- (4) Will not jeopardize the security of any services offered over the cable system,
- (5) Will not interfere with or disable the ability of a Cable Operator to communicate with or disable a POD Module or to disable services being transmitted through a POD Module, or
- (6) Will not impede or impair control of content protection.

In general, UDRDs:

1. Are also capable of receiving analog cable television services provided according to ANSI/SCTE 40 2004 [23].
2. Are compatible with secure services provided via a renewable and replaceable core encryption system (POD module).
3. Co-exist with existing set-top devices, such as those leased by cable operators.

Note that this standard does not attempt to define certification requirements, license terms or encoding rules applicable to Uni-Directional Receiving Devices, which are out of scope.

2 REFERENCES

2.1 Normative References

The following documents contain provisions, which, through reference in this text, constitute provisions of this standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreement based on this standard are encouraged to investigate the possibility of applying the most recent editions of the documents listed below.

¹ The term CableCARD™ is a marketing term that has been adopted by the cable and consumer electronics industries for the Point of Deployment (POD) security module. It is used with the permission of CableLabs.