SAVITRI
TELECOM SERVICES

SmartID Plus, SmartID and ActiveID

Advanced Coax Network Troubleshooting

Combined with the OneExpert, the SmartID Plus is a powerful home coax network troubleshooting tool testing not only continuity, but highlighting reflections, sweep response testing and ingress analysis.

The home coax network is accessible to the technician at the convenience (or inconvenience) of the customer, either at the point of installation, or during a service call. Best practice requires that the tech do a thorough analysis of network performance while the home network is accessible. Hopefully this is during service installation, because service calls are costly – both to the company, and to the customer relationship. A thorough test includes validating continuity of cabling and their connections, as well as the various active and passive devices used around the subscriber premises. Techs are always in a time crunch, so testing must be quick and effective.

The OneExpert is the user interface for SmartID Plus, which is used to troubleshoot coaxial network issues, along with either a SmartID probe, or set of Active IDs. With a SmartID probe, the tech can do a detailed point to point analysis, and with the Active IDs continuity can be quickly verified to outlets throughout the home.

SmartID Plus and a SmartID Probe

The combination of SmartID Plus and a SmartID gives users additional detail about the specific coax path under test. With the SmartID Plus connected close to the premises point of entry, the SmartID is then connected at a CPE location, or other location to be tested to obtain details including:

- Continuity checking through passive and active coax devices

- Length of network path between test points

- Frequency response point-to-point including loss calculations up to 1.6 GHz, for troubleshooting voice, video, data, and MoCA services

- Reveals reflections between each location and provides distances to those reflections

- Excessive ingress analysis at both ends

KEY BENEFITS

- Reduces repeat service calls by enabling quick and comprehensive coax homenetwork testing

- Identify premises wiring issues and minimize unnecessary CPE replacements

- Simplify operation and reporting using tech's meter as the user interface

- With SmartID Plus and SmartID tech can test continuity, actual frequency response and ingress from point to point

- With ActiveIDs tech can verify continuity to many points all with one test
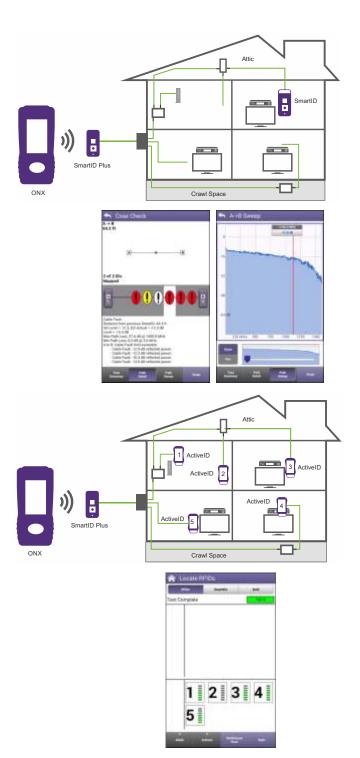
SmartID Plus and ActiveIDs – Advanced Continuity Testing

The combination of SmartID Plus and ActiveIDs makes identifying specific coax runs easy and tells users if the cable ends are connected or not. SmartID Plus is connected close to the premises point of entry and ActiveIDs are connected at each location where a CPE device, like a set top box or cable modem, would be located. The ActiveIDs are labeled from 1 to 8 so techs can remember where each ActiveID is connected and allow them to quickly determine if any ActiveID is not found. If an ActiveID is not discovered, then the coax is either not connected or has greater than 15dB of attenuation or signal loss between the SmartID Plus and the ActiveID. If the ActiveID is displayed, then there is continuity between it and the SmartID Plus in the coax network.

Ordering Information

Part Number	Description
SIDPLUS-SID-ACTIVEID-KIT	SmartID Plus, SmartID, and ActiveID set (#1-8) – advanced continuity testing and point-to-point detailed path analysis
SMARTIDPLUS-SMARTID-KIT	SmartID Plus and a SmartID for detailed point-to-point path analysis
SMARTIDPLUS-ACTIVEID-KIT	Advanced continuity testing through splitters and passive devices

![SAVITRI TELECOM SERVICES logo] **Growing While Empowering**

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