

Scientific Atlanta's Explorer® Z-Series Digital Video Broadcast Set-Top Models



Trust a global leader for your site's digital video solution.

Scientific Atlanta, a Cisco company, has been a leading supplier of digital content contribution and distribution systems, digital interactive set-tops and worldwide customer service and support for over 50 years. Our expertise in operating systems, middleware applications, conditional access and digital rights management is unparalleled. Scientific Atlanta has over 700 engineers in 40 labs all over the globe, all committed to the development and support of video solutions. These assets, combined with Cisco and Linksys technologies, deliver incomparable large scale video architecture, systems and networks.

Our Explorer® Z-Series of Digital Video Broadcast (DVB) set-tops deliver an affordable method for your operation to transition to digital video and audio services. Imagine having the ability to expand video programming services and offer on-demand programming – all with the reassurance of protecting your subscriber's personal information. Additionally, your operation can recapture valuable bandwidth, secure network architecture and reduce churn – while offering highly competitive services. The best part is that no additional plant upgrades are needed to deploy our Z-Series set-tops. All of our Z-series set-tops are DVB-C and MPEG-2 compliant and support PAL video formats.

Innovation

Scientific Atlanta's Explorer Z-Series DVB Set-Top Models



Explorer Z55™ DVB Set-Top



Explorer Z60™ DVB Set-Top



Explorer Z70™ DVB Set-Top

Support for Your Network Solution of Choice

Whether your business selects a complete, end-to-end solution from Scientific Atlanta, or if you prefer to choose components for your network from multiple vendors, Scientific Atlanta is flexible to the needs of your business. With our end-to-end solution, we deliver, support and manage all components of the video network from headend equipment to set-top hardware to conditional access and middleware, all seamless for your operation. By choosing our end-to-end solution, Scientific Atlanta also manages the complex integration services, which reduces risk and resource investment on the part of your operation. Our Z-Series set-tops are rigorously tested and optimized to perform with the Scientific Atlanta video service network.

Alternatively, should your operation select other providers for headend equipment, conditional access and middleware, then Scientific Atlanta's Z-Series set-tops can be integrated with the video network. We have experience in working with third-party middleware and conditional access to deploy our set-top hardware. Integration services in this instance are completely managed by the service provider.

Scientific Atlanta is your one equipment provider that can service all your system's needs. Our cable modem product portfolio carries forward the legacy of our set-top products — innovation, service reliability and affordability.

Explorer Z55™ DVB Set-Top

The Explorer Z55 DVB¹ is an ideal solution for offering introductory digital video services.

Unique features and capabilities include:

- Simplified front panel
- Navigator and Set-up menus with English language support
- Configurable memory sizes with 2 MB Flash / 8 MB DRAM standard
- Embedded Scientific Atlanta PowerKEY® conditional access secure micro
- Single digital QAM 64/256 channel tuner
- RF loop-through allowing analog channels to bypass when the set-top is in stand-by mode
- Baseband video and L/R audio outputs
- MPEG-2 and Musicam licensee fees included
- External 90-270 VAC 50/60Hz power supply with attached plug

Explorer Z60™ DVB Set-Top

The Explorer Z60 DVB² is a sleek, compact model that also enables subscribers to enjoy reservation pay-per-view (PPV) services. The available features and capabilities include:

- Full-featured front panel
- Navigator, EPG, PPV and Set-up menus
- Configurable memory sizes with 2 MB Flash / 16 MB DRAM standard
- Embedded Scientific Atlanta PowerKEY conditional access secure micro
- Single digital QAM 64/256 channel tuner
- IR receiver
- UHF modulator (channels 21 – 69) with RF loop-through
- RCA video output
- Baseband L/R audio outputs (2 RCA)
- Real-time and reservation PPV support using mobile SMS or telephone identification authorization
- MPEG-2 and Musicam licensee fees included
- External 90-270 VAC 50/60Hz power supply with attached plug

Explorer Z70™ DVB Set-Top

The Explorer Z70 DVB² offers an affordable solution for broadcast digital audio and video services, while at the same time allowing connection to an external modem (cable or DSL) to allow for real-time interactive services such as video-on-demand (VOD) without an upgrade to the existing cable plant. Available features and capabilities include:

- Full-featured front panel
- Two LEDs (Ethernet link and stand-by)
- Navigator, EPG, PPV and Set-up menus
- Configurable memory sizes with 4 MB Flash / 32 MB DRAM standard
- Embedded Scientific Atlanta PowerKEY conditional access secure micro
- Single digital QAM 64/256 channel tuner
- IR receiver
- UHF modulator (channels 21 – 69) with RF loop-through
- RCA video output
- Baseband L/R audio outputs (2 RCA)
- Ethernet port with TCP/IP stack with 10/100 Ethernet output
- Real-time and reservation PPV support using mobile SMS or telephone identification authorization
- MPEG-2 and Musicam licensee fees included
- External 90-270 VAC 50/60Hz power supply with attached plug

Contact Us

Please contact your sales representative today to learn more about how our Explorer Z-Series DVB Set-Tops can help grow your business opportunities.

1 Expected availability Q2, 2007

2 Available now