

## Scientific Atlanta's Explorer® 8455DVB™ PVR Set-Top



### The New Home Entertainment Experience

Personal Video Recorders (PVRs) have revolutionized the video experience in the home, and consumers have enthusiastically adopted the convenience and control of watching what they want, when they want, regardless of schedule.

As today's consumers embrace the newest home entertainment and communication capabilities, Scientific Atlanta innovations allow cable operators to deliver the hottest services. Our Explorer® 8455DVB™ PVR Set-Top<sup>1</sup> gives consumers the ability to watch their favorite programs on their time – even recording multiple programs while watching another.

#### Choose a Global Leader

Scientific Atlanta is a worldwide leader in end-to-end digital video solutions:

- More than 25 years of technology experience in the cable market
- Over 30 million<sup>2</sup> digital interactive set-tops shipped
  - 7 million PVRs shipped worldwide
  - 6 million HD models shipped worldwide
- Expertise in operating systems, middleware applications, conditional access and digital rights management
- Industry leader in high-definition, PVR and Multi-Room™ PVR solutions
- First to market with award-winning technologies
- Over 40 labs, 700 engineers focused on continued end-to-end video system innovation

# Innovation

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## Expand Your Site's Service Portfolio

Scientific Atlanta's Explorer 8455DVB PVR Set-Top can help you:

- Increase video service options in your market
  - Personal Video Recording (PVR)
  - Video-On-Demand (VOD)
  - Pay-Per-View (PPV)
  - Impulse Transactions (T-commerce)
- Open new revenue opportunities for advanced service penetration
  - Develop new digital video service tiers

## Explorer 8455DVB™ HD/PVR and IP Media Server Features and Capabilities

- Records up to two programs simultaneously while watching another (either live or previously recorded)
- 160 GB (80 hours) of hard disk drive storage<sup>3</sup> with additional options available
- Second Ethernet port for access to recorded shows stored on the Explorer 8455DVB PVR for Multi-Room™ Television
- Provides two H.264 standard-definition or one high-definition HD decoder
- Dual SCART connectors
- Supports multiple picture formats (576i, 576p, 720p, or 1080i) to allow optimum picture performance with both standard and HD sets
- 16 MB Flash / 128 MB System DRAM / 32 MB Media DRAM
- Compliant with DVB-C, MPEG-2, MPEG-4 part 10/H.264 standards
- Supports PAL video format
- Security
  - DVB Common Scrambling Algorithm
  - Complies with Nagra NASC specifications
  - DVB CA support (e.g. Mediaguard, Nagra or others)
  - Smart Card Reader Slot
- High-speed USB 2.0 port for expandability
- Optional independent EuroDOCSIS 2.0 Cable Modem Module with 200 MHz Processor with dedicated cable memory and Ethernet output

## Learn More

Contact your representative today for additional information on how the Explorer 8455DVB PVR Set-Top can help you grow your business opportunities, boost revenue and reduce customer churn.

<sup>1</sup> Expected availability Q1 2007.

<sup>2</sup> Based on Scientific Atlanta estimates as of 2/15/07.

<sup>3</sup> Actual hours available on the hard drive depends on the streams being recorded.

**Scientific  
Atlanta**  
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### Scientific Atlanta Europe NV

Luipaardstraat 12  
8500 Kortrijk, Belgium  
Tel: 32.56.445.445

Contact: [sales.belgium@sciatl.com](mailto:sales.belgium@sciatl.com)  
[www.saeurope.com](http://www.saeurope.com)