

SuperFlex

SFX2100 Series

DVB satellite multimedia
server appliance

the reliable multimedia server appliance that takes your network beyond the edge

Use the SFX2100 in applications that call for a satellite receiver with the power of a router, a hard drive, and content distribution software. The SFX integrates all of these features into a self-contained package loaded with powerful software tools. It's ideal for kiosks and networks of every size.

web servers

caching servers

media-on-demand servers

file servers

digital cinema servers

**computer-based
training servers**

**inventory management
servers**

point-of-sale servers

**radio/news/weather/
financial news servers**

in-store advertising

kiosks

Also available in our innovative "cube" form factor for kiosks or users who simply prefer a smaller desktop footprint.



The SFX2100 series of satellite multimedia server appliances offers the reliability, network connectivity and functionality of IDC's SRA2100 series of satellite router appliances combined with the read/write storage of an integrated hard drive and Datacast XD, the latest state-of-the-art multimedia content distribution software.

The SFX has all of the features of the SRA2100 series—Linux OS, integrated CAS encryption, router functionality, browser-based GUI, IDC's NetManager network management & control system, ASI output, BPSK/QPSK/8PSK/16QAM operation—plus the following advanced features:

- **Integrated hard drive:** A 40Gbyte hard drive (80Gbyte optional) comes built-in to the SFX. It provides for store-and-forward data storage plus enables the addition of a full suite of standard software modules as well as customer-specific applications.
- **Apache Web Server:** The standard "work horse" industry standard web server comes pre-loaded and preconfigured so that the SFX becomes a satellite-fed web server on your network.
- **XD Enterprise Client:** Our Datacast XD Enterprise Client is included in the SFX for multimedia file transfer, streaming and content distribution including metadata presentation.
- **Multimedia Player** is preloaded, turning the SFX into a multimedia jukebox, that can play stored audio and/or video files in all major formats (e.g., AVI, MPEG, MP3, etc.) Output to a TV and/or SVGA monitor.
- **Optional PCI MPEG Accelerator Card**—independent of the built-in Multimedia Player with its own playlist, plus it handles live streams (MPEG 1,2, and 4). It's like having a DVB DTH receiver built-in!



TWO CONFIGURATIONS, TWO MODES, OR DESIGN YOUR OWN:

The SFX series appliances come in a range of standard configurations including: Kiosk/SOHO and LAN/Network and they are designed to be **easily customized to client-specific requirements**.

Upon powering up, the SFX2100 can be configured to automatically launch into **player mode**—cycling through an updatable playlist, or **browser mode**—which provides access via web browser to the content on the hard drive (video, audio, web pages, any multimedia content) as well as configuration and control features.

Both modes are, of course, customizable for customer-specific applications.

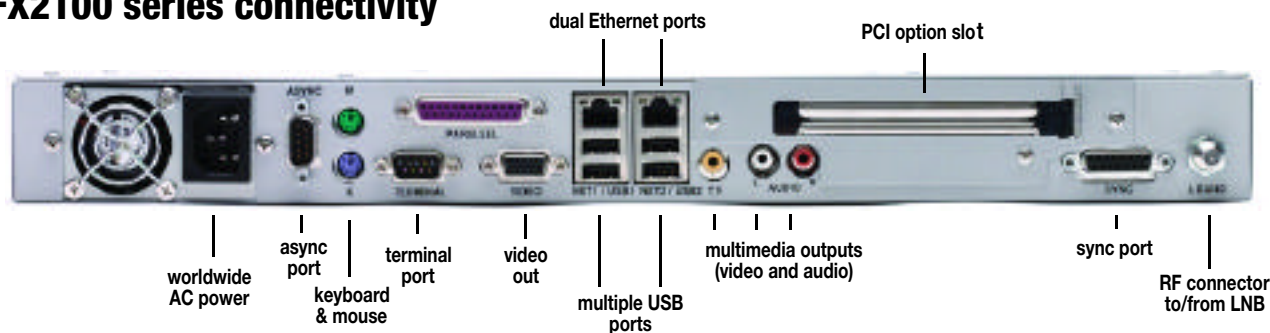
(Above right: an SFX in player mode cycling through videos output to computer monitor and television. Left: screenshot of browser interface in browser mode.)



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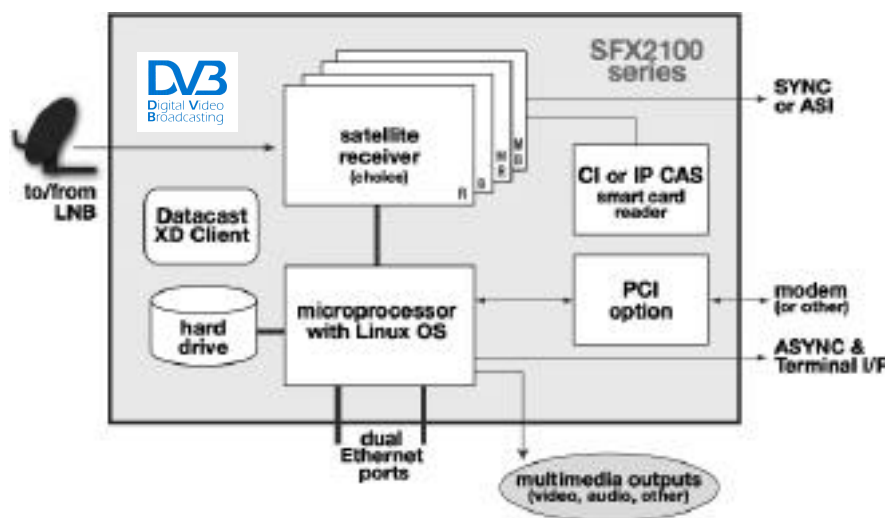
download the latest product information at:
www.intldata.ca

SFX2100 series connectivity



The SFX2100 comes with a full suite of industry-standard interfaces for ease of implementing standard and custom multimedia configurations.

inside the SFX2100



The architecture of the SFX2100 series is highly flexible allowing it to be configured for a wide variety of standard and custom applications. Industry-standard connectors are provided for ease of interface to other equipment and sub-systems. In addition to IP network connectivity, the SFX 2100 series includes sync, async and terminal interfaces for easy migration from serial protocol legacy satellite networks.

Clients for Datacast XD™, IDC's content distribution software, are included in all SFX standard models. (See Datacast XD datasheets for details.)

The SFX2100 family architecture has been designed to be DVB-RCS ready.

SFX as a satellite receiver is available with the same models as our SRA2100 satellite router appliance:

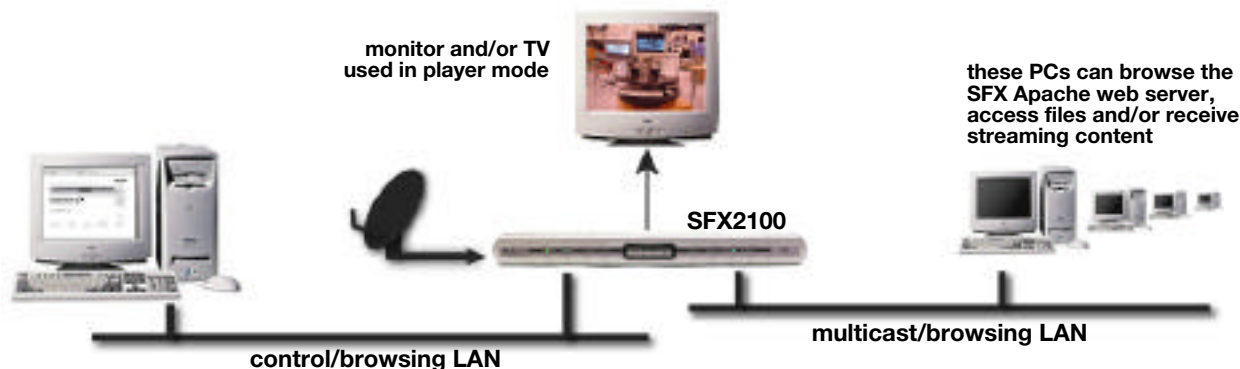
SFX2100 R, B = BPSK/QPSK

SFX2100 MR, MB = BPSK/QPSK/8PSK/16QAM

R = IP CAS, B = DVB CI CAS

All models come with ASI output and other options.

typical network/LAN configurations



this SFX can operate in
browser mode or **player mode**
while serving the two LANs

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