

airscreen server™

Advanced Sat>IP Multi-Screen Server



Live TV anywhere at home

Main Features:

- Fully compliant and certified SAT>IP Server with 4 Satellite tuners
- Streaming Live SD/HD TV & Radio programs to 4 compatible Clients over LAN/WLAN
- DLNA-compatible Server mode supporting DLNA Client devices and/or apps
- Web-based device configuration and management (password protected)
- Support MPEG2 TS and PS over IP, Unicast and Multicast
- Support Unicable (EN50494), Unicable II (dCSS, EN 50607) and DiSeqC1.0 protocols
- Firmware update over USB stick or online over the internet

Model: IDL 400s airscreen Server
 Item: 4111



Find out more

The **airscreen Server™** is a fully compliant and certified SAT>IP Server with 4 tuners. The **airscreen Server™** can receive up to 4 transponders and stream selected SD/HD TV & Radio programs to 4 Client devices over LAN/WLAN allowing users to watch live satellite TV on their tablets, smart phones, smart TVs, game consoles and connected video player devices with compatible software/application. The **airscreen Server™** streams out programs that were selected by the SAT>IP Clients and maintains encryption (for pay-TV channels) intact. The **airscreen Server™** features a DLNA/UPnP-compatible Server mode that allows DLNA/UPnP Client devices and applications (that are not SAT>IP compatible Clients) such as DLNA-compatible TVs or Media Players to access the Live satellite TV and Radio streams over the LAN/WLAN too. DLNA/UPnP Clients access and navigate through live TV programs using a channel list provided by the **airscreen Server™**. The channel list can be edited/exported/imported through the device's configuration and management menus which are accessible over a simple and intuitive web interface.

Through its built in DLNA/UPnP compatible server, the **airscreen Server™** will soon be able to turn a connected USB drive into a network media share for the Client devices to access around the home or set as a local network PVR. The **airscreen Server™** can be connected to the home LAN/WLAN router/access point over its Ethernet port via an Ethernet cable or through a HomePlug AV or PLC (Ethernet over power line) adaptors.

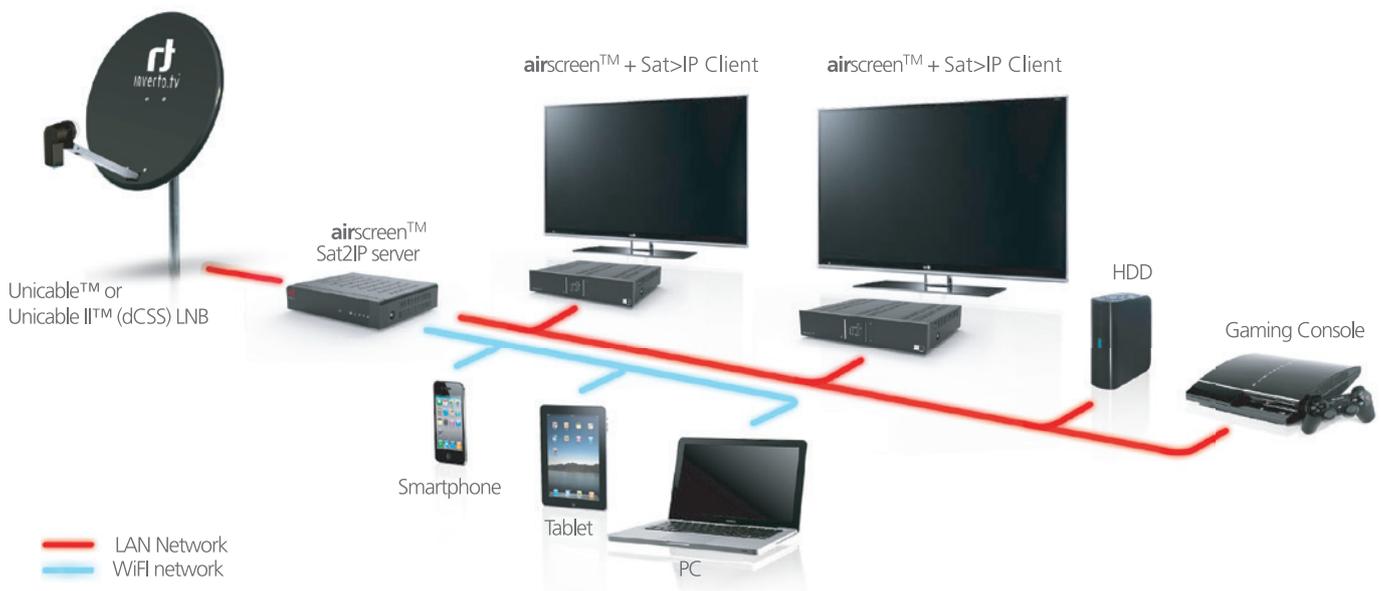
The **airscreen Server™** was designed to support Unicable II™ LNBs and Multiswitches - an essential component of the Sat>IP ecosystem - providing the most elegant and cost effective single cable distribution solution*. Using Unicable II™ LNB or Multiswitch enables a quick and simple upgrade of existing installations, allowing to install one or multiple **airscreen Servers™** using an existing single coax drop from the dish antenna into the house/building. Unicable II™ LNBs and Multiswitches provide digital Channel Stacking of up to 32 user bands based on the latest full-band capture technology and the EN50607 standard.

The development of the SAT>IP protocol was led by SES-Astra for its customers who are seeking to benefit from the increasing popularity of tablet and smart phone devices and address the change in how viewers consume their TV content and their ultimate demand for TV anywhere on any screen. **airscreen Server™** with DVB-C and DVB-T front ends are available as well.

Supported Clients:

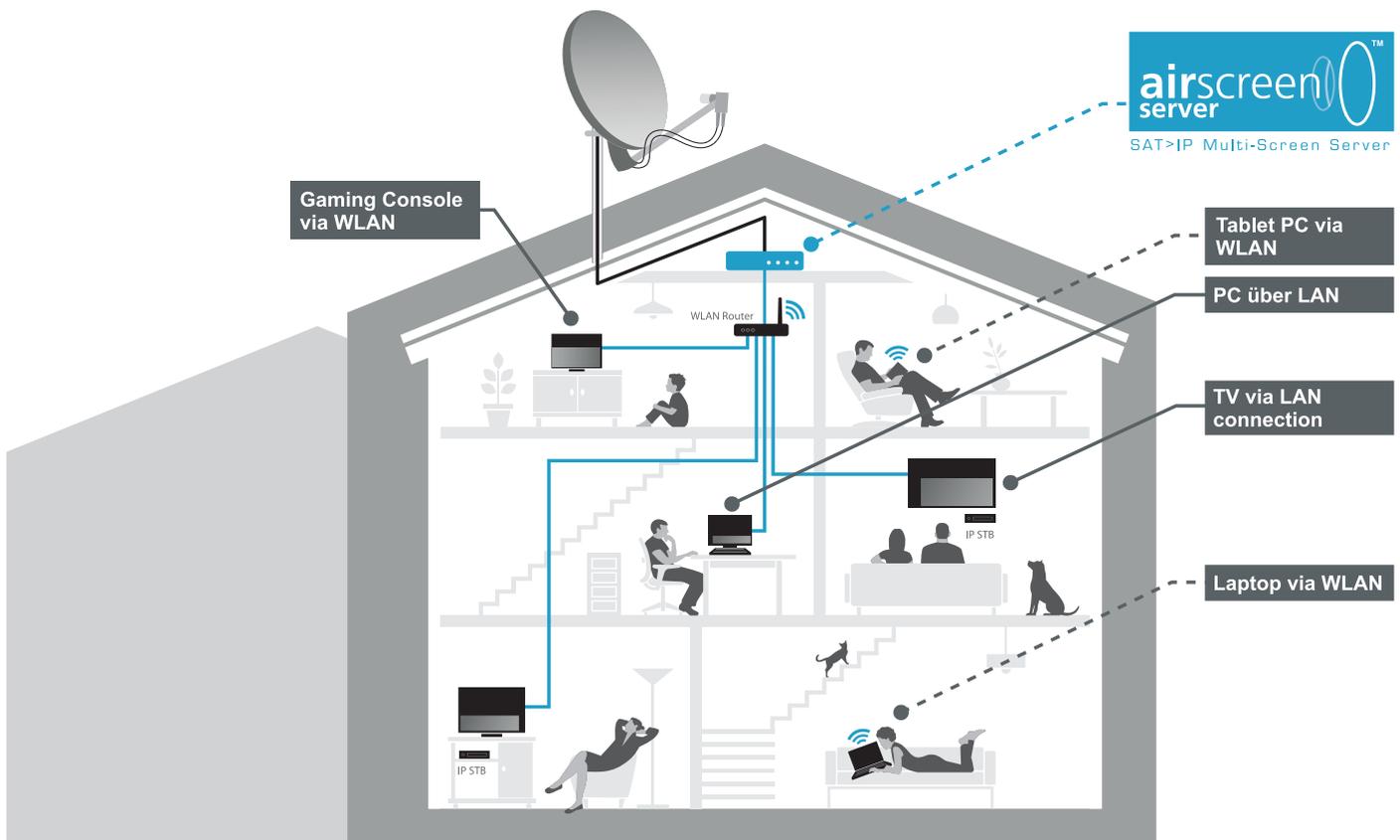
- iOS (iPad/iPhone) and Android tablets and smart phones using Elgato SAT>IP app.
- DLNA/UPnP compatible devices eg Media players, Video streamers, Gaming consoles
- DLNA/UPnP compatible TVs
- DLNA/UPnP compatible PC software applications eg VLC Player, DVBCViewer
- SAT>IP compliant Client devices

Connection Diagram:



* Unicable II and EN50607 are available on selected models only.

Usage Scenario Diagram:



Technical data:

Interfaces	x4 F-connectors, each with independent control - 13/18V, 0/22kHz, DiSEqC, Unicable (EN50494) and Unicable II (dCSS, EN50607)*
Sat IF inputs	x1 RJ45, 1GbE
Network (Ethernet)	x4 DVB-S2
Front ends	Fully compliant and certified SAT>IP Server stack
Network protocols	HTTP/HTTPS, DHCP, UDP, IGMP, UPnP, RTP, RTCP, RTSP UPnP/DLNA-compatible server
USB	x2 USB 2.0 host ports
Management	Web-based configuration; password protected login
Power supply	External AC/DC adaptor, Main Input 100-240VAC ~, 50/60 Hz DC Output to receiver 12V, 3A (max power consumption for all Front-end is 15W = equivalent to 800mA total LNB load). Operating mode: max. 30W
Control and Display	x1 On/Off switch button x4 Client LED, x1 Network activity LED, x1 On/Off LED x1 reset button
Accessories	Installation Manual in 2 languages AC/DC power adaptor
Size	W 190mm x D 170mm x H 40mm
Regulations	CE compliance: 2004/108/EC (EMC Directive), 2006/95/EC (Low Voltage Directive), 2011/65/EC (RoHS Directive), 2009/125/EC (Eco-design Directive): Commission Regulation (EC) No. 278/2009 (Power consumption of external power supplies)

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For purpose of brevity, some product descriptions in this sheet remain at platform level and may not be referred to as detailed datasheets of the products. Inverto Digital Labs reserves the right to amend, omit or add products, product-lines, and / or features without notice. As product specifications may change without notice, always contact Inverto to obtain the latest product specification sheets.

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