airscreen
server

Advanced Sat>IP Multi-Screen Server

Smartphone   Tablet   PC   TV

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 and DiSEqC1.0 protocols
- Firmware update over USB stick or online over the internet

Model: IDL 400s **air**screen Server
Item: 4111

Find out more

The **air**screen Server™ is a fully compliant and certified SAT>IP Server with 4 tuners. The **air**screen 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 **air**screen Server™ streams out programs that were selected by the SAT>IP Clients and maintains encryption (for pay-TV channels) intact. The **air**screen 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 **air**screen 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.
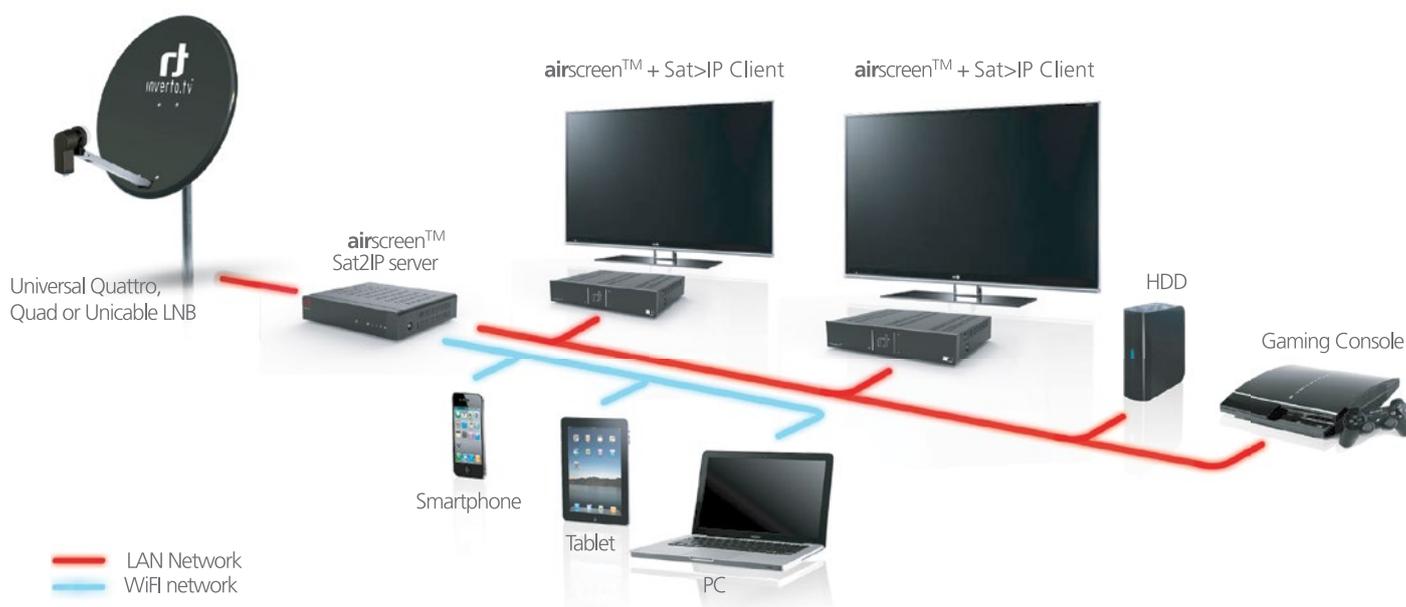
Through its built in DLNA/UPnP compatible server, the **air**screen Server™ will soon be able to turn a connected USB drive into a network media share for the Client devices to access around the home or set as a local network PVR. The **air**screen Server™ can be connected to the home LAN/WLAN router/access point over its Ethernet port via an Ethernet cable or through a HomePlug AV or PLC (Ethernet over power line) adaptors.

The 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. Apart of the initial satellite version, terrestrial and cable front ends are coming soon.
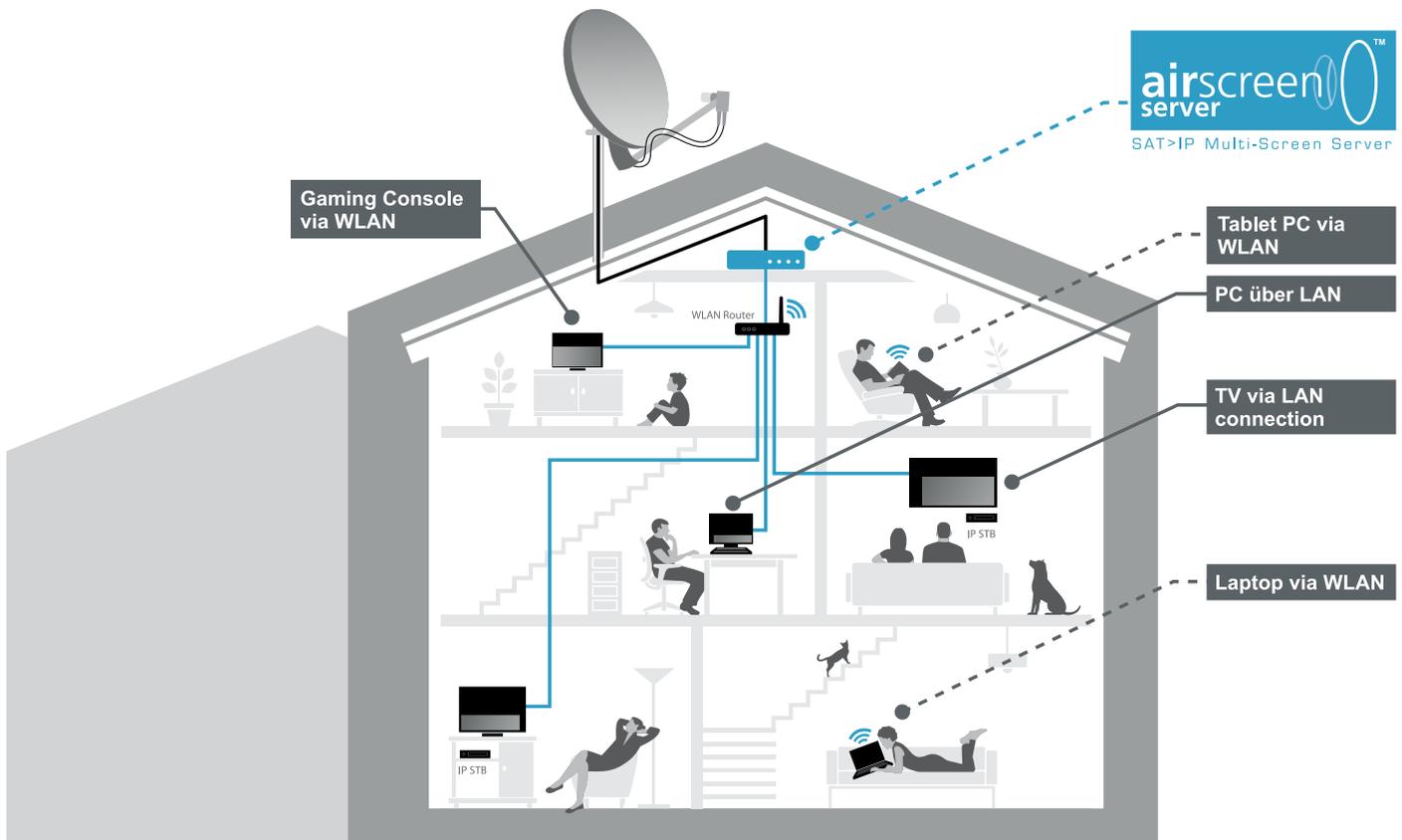
Supported Clients:

- 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, DVBViewer
- SAT>IP compliant Client devices

Connection Diagram:

Usage Scenario Diagram:

airscreen server ™
SAT>IP Multi-Screen Server

Gaming Console via WLAN

Tablet PC via WLAN

PC über LAN

TV via LAN connection

Laptop via WLAN

WLAN Router

IP STB

IP STB

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Technical data:

Interfaces	x4 F-connectors, each with independent control (13/18V, 0/22KHz DiSEqC)
Sat IF inputs	x1 RJ45, 1GbE
Network (Ethernet)	x4 DVB-S2
Front ends	
Network protocols	Fully compliant and certified SAT>IP Server stack
	HTTP/HTTPS, DHCP, UDP, IGMP, UPnP, RTP, RTCP, RTSP
	UPnP/DLNA-compatible server
USB	x2 USB 2.0 host ports
Management	Web-based configuraion; 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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