

flow

The First Smart TV Headend

High density
Low bandwidth per channel
Capable of processing more than 200 SD services or 120 HD services

Multi-standard
Fagor Flow adapts to your present and your future

Content Management
Manage content and web technical parameters
User-friendly interface that minimizes setup

AA
One platform for all your TV needs
Designed to convert any TV input into any TV output

Double security
Premium content is always protected through the inclusion of DRM protection



flowheadend

- Internal satellite and terrestrial multiswitch included. Easy remote operation, no cabling needed
- Easy set up and commissioning, fastest in the market
- Programming and control through LAN or WiFi
- High output density.
- Add new services without re-scanning TV sets
- Dual CI modules for descrambling. IP pool technology
- Internal 2x1Gb IPTV output ports. No additional hardware is needed
- Demultiplexing MPTS to SPTS
- High input density. Up to 40 transponders/multiplexes in one rack
- Advanced audio languages management
- Internal DRM, compatible with the leading encryption systems on the market
- Noiseless fan. Auto speed regulation and fully hot-swappable
- Optimal bandwidth management
- Optional redundancy for all modules
- Spare IN/OUT/SEC modules management. The whole configuration is transferred automatically to the new module.





FLOW IN4 (Ref. 4319)

Input module. Frontend.

- Quad tuner. Universal Input module
- DVB S/S2/T/T2/C.
- Auto Scan: Discovers all the services in the cables.
- HOT SWAP without reconfiguring manually.



FLOW ENC+ (Ref. 4321)

Encoding module.

- Encodes 4 x HDMI input signals.
- H.264 MPEG-4 or MPEG-2 video compression.
- Full HD quality.
- Up to 40 x HDMI inputs in 4RU space.



FLOW HUB (Ref. 4314)

Control unit of the platform.

- Complete internal management
- Connected headend: Ikusi Flow wifi and LAN access. Local and remote management.
- Guided installation through a wizard.
- 2 Gigabit Ethernet ports for IP Multicast services.
- Spare modules support for redundancy.



FLOW SEC (Ref. 4311)

Security management module.

- Decrypting function (CAS) and re-encrypting function (DRM).
- 2 x CI slots per module.
- Manages streams coming from any input and going to any output ("uncoupled" input, CAM and output).
- CAM restoration in case of decryption failure.
- Supports up to 15 SPTS per CAM (up to 30 SPTS per module).



FLOW OUT (Ref. 4313)

Output module. Backend.

- Quad/sextuple Universal and Multistandard output module DVB-T & DVB-C.
- Four carriers in 8K.
- Up to 8 SPTS per carrier = up to 32 SPTS per module.
- Output level: 78 to 108 dBμV



FLOW PSU (Ref. 4308)

Power supply for the platform.

- More efficiency: Half-Bridge topology.
- Thermal protection (to protect against external cooling failures).
- Power factor corrector.



FLOW BASE (Ref. 4312)

Chassis of the platform

- "Self-assembly" chassis.
- 19" rack and wall mounting with the same chassis.
- Installation without tools or accessories.
- Real 4 RU (including wires passing).



FLOW COVER (Ref. 4316)

Ventilation cover for the platform.

- Magnetic attachment system with triple function: securing the cover to the chassis, electrical connection and fans speed auto management.
- 5 fans per cover.
- New noiseless fans generation based on magnetic technology, without rubbing or friction.



FLOW REDUNDANT RPSU (Ref. 4320)

Redundant power supply.

- Ensuring uninterrupted power in the event of failure of one of the two available power supplies.
- The damaged power supply can be replaced without disconnecting the headend from the power supply.
- Integrates two identical power supplies in a 1RU (rack unit) chassis.

FAGOR XPERIENCE



Continuous support and security.

The Protect Service ensures that your TV platform remains secure, up to date, and fully operational at all times.



Manage all your TVs as if they were one. Simple, flexible, and cloud-based.

Fagor Xperience is an innovative platform developed by Fagor Electrónica to simplify the management of TV systems in hotels, hospitals, and healthcare facilities.

A cloud-based **solution** that allows operators to remotely control, configure, and manage all televisions, regardless of the manufacturer.



One platform. Total control.

- Centralized cloud management
- Compatible with Samsung, LG, Philips, and STB devices
- Instant deployment via QR code
- Remote configuration and updates
- Analytics and usage data



Why Fagor Xperience?

- Brand independence
- Choose the TV brand that best suits your needs; it works seamlessly with multiple manufacturers
- Thanks to our validation program, we ensure and guarantee 100% compatibility



Designed for:

- Hotels and hotel chains
- Hospitals and healthcare centers
- Retirement homes, student dormitories, etc.

**Multimedia
Perspectives**

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