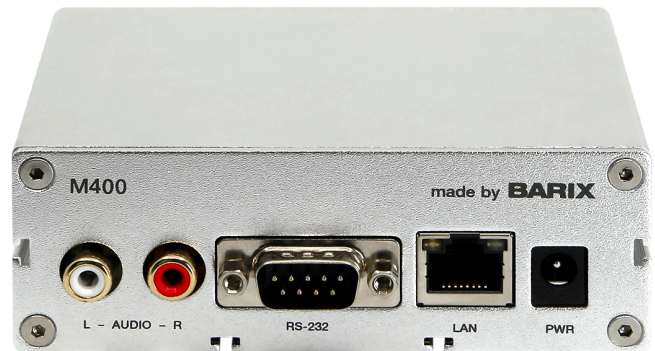
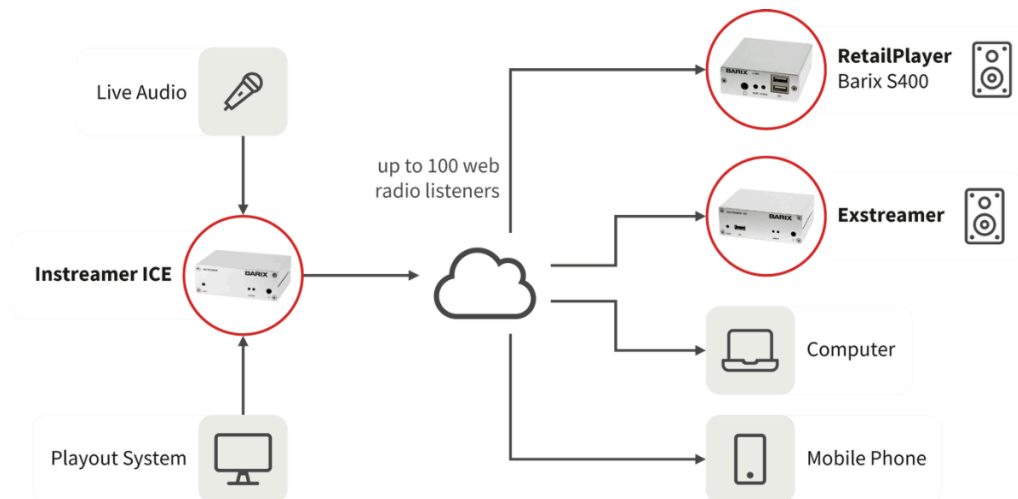


Instreamer ICE

AAC+ / MP3 Encoder and Icecast Server.



The Instreamer ICE encodes analog audio into MP3 or AAC+ for streaming to an Icecast internet radio streaming service in the cloud. The Instreamer ICE also has an Icecast server built in and is able to feed up to 100 web radio listeners directly without the requirement to subscribe to an internet radio service provider.



Applications

- Live audio encoder for internet streaming applications, even with authentication
- Icecast source encoder
- Audio encoding for HTTP based distribution
- Stream relay (stream forwarding)

Features

- MP3, AAC encoding
- Integrated Icecast server for up to 100 simultaneous web radio users
- Line level input (mono, stereo)
- Supply voltage 5VDC

Technical Specifications

Power Supply Input

- External power adaptor, 100-240VAC, 10W
- Male connector: 5,5 x 2,1 mm

Ethernet Interfaces

- RJ45 10/100 auto detect, IPv4, IPv6

Audio Input

- Stereo RCA / cinch connectors
2kΩ input impedance 3.9 Vpp max, adjustable in sensitivity
Dynamic range 87 dB, SNR -87 dB

Audio formats

- MP3, AAC mono and stereo
- Sample rates 22.05/24/32/44.1/48Khz
- Supported bit rates 10kb/s to 192 kb/s

Icecast

- Integrated Icecast server: supports up to 100 subscribers
- Source to external Icecast server
- Stream relay external Internet radio streams

Headphone output

- Female Jack 3.5 mm

USB

- Double USB connector type A female (for future use)

RS-232

- For metadata insertion to internal Icecast server

HW/SW environment

- Barix IPAM400 Processor Module
- Linux with dual boot recovery and remote firmware update capability

User Interface

- Web interface for control, status and configuration
- HW reset button, LEDs for status

Case & Weight

- Aluminum
- 108x38x78.7mm (4.25x1.5x3.1 inch)
- Weight 250g

MTBF

- > 199'951h / 22 years

Warranty

- Warranty: two year

Environmental

Operating Environment

0 to +50°C / 32 to 122°F

0 - 70% relative humidity, non-condensing

Storage Conditions

-20 to +70°C / -4 to 158°F

0 - 70% relative humidity, non-condensing

Certifications

CE, RoHS, FCC

Ordering Information

2018.9237P Instreamer ICE EU Package

2018.9238 Instreamer ICE US Package

2018.9239 Instreamer ICE UK Package

2018.9240 Instreamer ICE NoPSU Package

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Direct Link

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For technical inquiries (problem reports, request for documentation, etc.) please contact: support@barix.com