

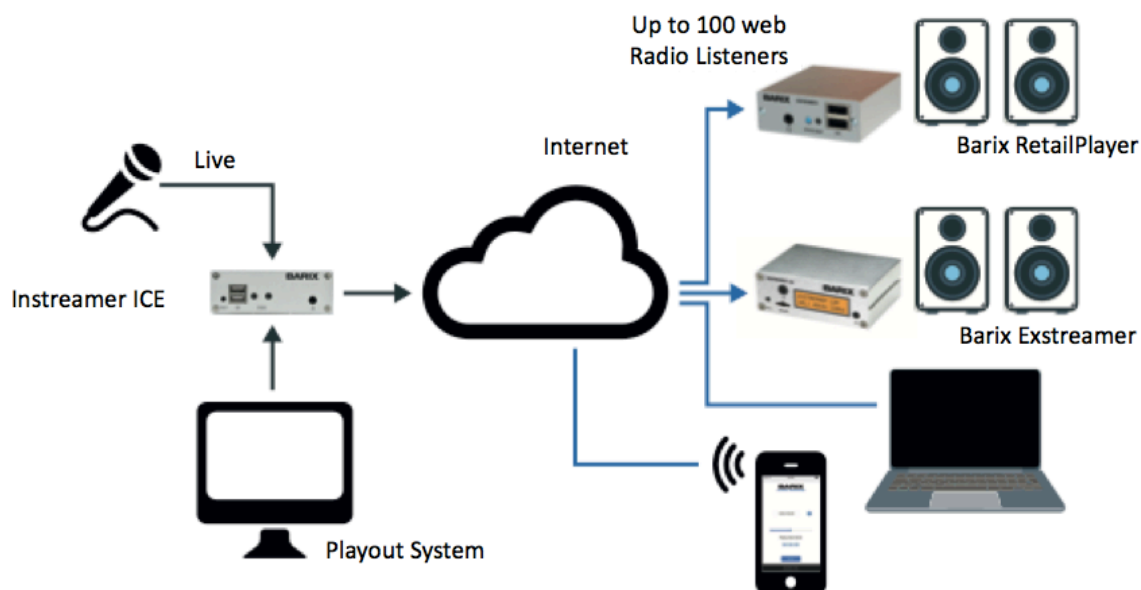
# BARIX

## Instreamer ICE

AAC+ / MP3 Encoder and Icecast Server.



The Instreamer ICE encodes analog audio into MP3 or AAC+ for streaming to an Icecast or Shoutcast\* 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
- Shoutcast\*/Icecast source encoder
- Audio encoding for HTTP based distribution

### Features

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

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# Technical Specifications

## Power Supply Input

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

## 1 Ethernet Interfaces

- RJ45 10/100 auto detect, IPv4, IPv6

## Audio Input

- Stereo RCA / cinch connectors

## Audio formats

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

## 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

## Icecast

- Integrated Icecast server: supports up to 100 subscribers
- Source to external Icecast server

## HW/SW environment

- Barix IPAM400
- 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

- >199'951 h / > 22 years

## Warranty

- Warranty: two years

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## 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

\*supported in future release

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## Certifications

CE, RoHS, others in examination

## Ordering Information

2018\_9237\_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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For commercial related questions (distributors contacts, price list, business opportunities) please contact **sales@barix.com**

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

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## Barix AG

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