



IPAM EVALUATION KIT

BARIX IPAM EVALUATION KIT

Evaluation Kit with Barix IP Audio Module mounted on IPAM Carrier PCB, frontplate with mounting screws and quick start guide

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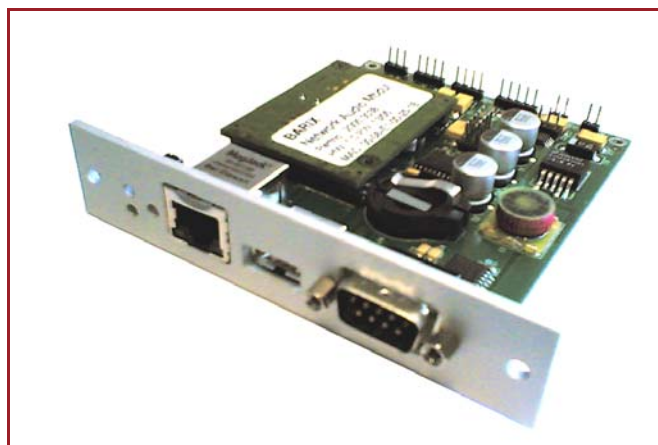
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The Barix IPAM Evaluation Kit allows manufacturers to test the capabilities of the Barix IP Audio Module prior to the design of their custom board. Providing commonly used interfaces it can be directly used as an OEM product solution in many cases. Four individual firmware packages allow the testing of standard Barix product features such as Barix Exstreamer, Instreamer and Annunicom as well as a custom firmware ABCL (Audio Barix Control Language) which allows custom programming in a Basic like dialect.

Application fields:

Interfacing of digital or analog audio signals to TCP/IP (Intranet and Internet), intercom & paging systems, broadcast equipment, audio monitoring, audio distribution, updatable standalone player, alarm systems, audio recording (live audio transmission)

Features:

- RJ-45 Ethernet port with Link and Activity LED
- USB1.1 Type "A" receptacle (for devices like memory sticks)
- Two RS-232 interfaces (1x9pin D-sub connector, 1x on board)
- Four configurable GP I/Os plus Reset button input
- Microphone input (coil, powered or passive capacitive)
- Standard stereo Line In and 3Vpp stereo audio Out
- Holder for Real Time Clock iButton (Dallas DSI904 not incl.)
- Runs off a single +8 to 30 Volt DC power source (on board switching power regulator for 5VDC) consumption 1.6W max
- 12VDC regulator for powering external serial devices
- Small form factor (4"x3.3"x 0.75" / 103mm x 84mm x 19mm)
- Aluminum front plate (4.3"x0.9"x0.045"/109.2 x 23 x 1.4mm)