AETA
AUDIO SYSTEMS ®

SIMPLE AND SAFE AUDIO LINKS

Scoop5 S-IP

Perform live audio links over IP or leased lines, simply and safely

STEREO

Audio channels

AoIP Ethernet

LL Leased lines

REMOTE ACCESS

SIP SERVER AETA

Suitable for STL application (studio to transmitter)

2 YEAR WARRANTY

SIMPLICITY

+ Full Duplex
+ Embedded HTML server for easy access to all parameters
+ SIP or direct RTP
+ Factory SIP accounts included
+ Simultaneous registration on 2 SIP servers
+ 12 V DC powering
+ Auto redial
+ N/ACIP compliant (UER Tech 3326)
+ Auto jitter buffer
+ Auto bit rate OPUS

CONNECTIVITY

+ Double mono codec over IP
+ AoIP over wired Ethernet
+ Leased lines
+ GPIO

SAFETY
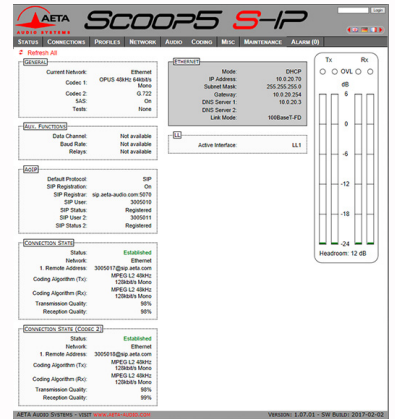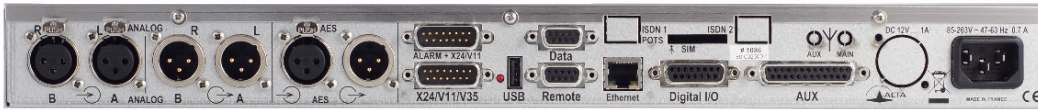
+ Double Streaming / Bonding
+ FEC for secure connection
+ Remote Access : remote access and control via Internet
+ SNMP
+ Adjustable OPUS bitrate (12- 256 kbit/s), during communication with no audio artefact, to fit bandwidth
+ Multicast feature
+ Redundant power supply
+ Low power platform

AUDIO INTERFACES

+ Best in class audio quality
+ Balanced analogue inputs and outputs
+ Digital inputs and outputs AES/EBU
+ 1 headphone output

Scoop5S-IP is controlled via a laptop through LAN thanks to its dedicated web page. The product is detected by its MAC address when connected to Ethernet.

AETAScan scans your LAN to look for AETA codecs and displays MAC and IP addresses. You can download AETAScan for free on our website (Java needed, works on any OS).

The AETA Remote Access option allows you to take control of your Scoop5S-IP remotely and in real time over the Internet.

It is also possible to control Scoop5S-IP via codec management software, such as Scoop Manager, edited by AETA Audio Systems.

CODING ALGORITHMS

AoIP

Ethernet *OPUS (adjustable 12-192kbits/s mono; 16-256kbits/s stereo), AAC-LC/HE/HEv2/LD/ELD, MP3, MPEG L2, 4SB ADPCM (opt.), G722, CELP (opt.), G711, L16, L20, L24*

LL

Leased lines *MPEG L2, G722, 4SB ADPCM (opt.)*

12V DC redunded power supply

AUDIO INTERFACES

Analog
+ Balanced, max level adjustable 0 to +22 dBu
+ Input impedance 600 Ω or 10 kΩ
+ Output impedance < 50 Ω
+ XLR sockets (2 female in, 2 male out)

Digital
+ AES / EBU I / O
+ Sampling rate 32 kHz, 48 kHz, 96 kHz or synchronised to input (Genlock mode)
+ XLR sockets (1 female in, 1 male out)

AUDIO PERFORMANCE
+ Bandwidth 20 – 20 000 Hz (Fs 48 kHz)
+ THD + N < -80 dB (0.01%)
+ Channel separation > 80 dB

NETWORK INTERFACES
+ Double AoIp mono codec

Leased Lines
+ X24 / X21 / V11 / V35 interface
+ Bit rate 64 to 256 kbit / s

Ethernet
+ 100 / 10BaseT IP / SIP
+ SIP protocol, involving SDP, RTP, RTCP, UDP and other IETF standards
+ 100% FEC: packet replication (standard or interleaving)

GENERAL
+ Dimensions : 1U 19'' (W x H x D): 480 x 44 x 252 mm (18.9" x 1.73" x 9.9")
+ Weight: 3.2 kg (7 lb)
+ Power supply: AC 85 - 263 V / option 12 V DC
+ Temperature range: 0° to 45° C

USER INTERFACE
+ Alarm and status indicators
+ Linux architecture

CONTROL AND SUPERVISION
+ Embedded HTML server
+ Remote control via Ethernet / IP or RS232 interface
+ Status and alarm relays
+ SNMP
+ Scoop Manager

AUXILIARY FUNCTIONS

Auxiliary functions
+ Embedded in encoded audio stream
+ No additional network resources needed
+ Exact capabilities depend on audio coding algorithm used

Data channel
+ RS232 interface, 300 to 9600 bauds

Relay transmission
+ Transmission of digital I / O (GPIO) : 8 inputs, 8 outputs
+ Including 2 isolated I / O

OPTIONS
+ 12V DC power supply
+ Redunded power supply
+ Remote access
+ Scoop Manager
+ CELP, MICDA 4SB

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