

SIMPLE AND SAFE AUDIO LINKS

SCOOP 6

All the versatility and technology you need to succeed in your live audio transmissions, whatever the situation!



STEREO

2 Audio channels



Ethernet / 3G / 4G / 5G / Wi-Fi



3G / 4G



RAVENNA
AES67 built-in



Multi function codec for studio, control room and OB van



SIMPLICITY



- + Full Duplex connections
- + Embedded HTML server for easy access to all parameters
- + SIP or Direct RTP
- + Factory SIP accounts included
- + Simultaneous registration on 2 SIP servers
- + N/ACIP compliant (EBU Tech 3326)
- + 12 V DC & 230 V powering
- + Auto jitter buffer
- + Auto bit rate OPUS

CONNECTIVITY



- + Double mono codec over IP
- + 2x Ethernet
- + AoIP over 3G/4G-LTE/5G mobile networks
- + VolTE and HD Voice
- + Second mobile network with USB dongle
- + WiFi with USB dongle
- + 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 artefacts, to fit bandwidth
- + Redundant power supply
- + Low power platform

AUDIO INTERFACES



- + Best in class audio quality
- + Balanced analog or AES/EBU Digital Inputs and Outputs
- + 1 headphone output
- + 2x AES 67
 - RAVENNA
 - DANTE

With the mobile option, Scoop6 natively supports both voice service (VoLTE and HD Voice) and IP transmission over 3G/3G+/4G/5G networks. With a mobile USB dongle it can also connect to a second mobile data network for multi SIM application, such as Double Streaming feature.



CODING ALGORITHMS

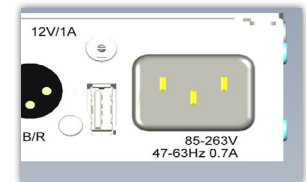


3G+ / 4G-LTE / 5G / Ethernet OPUS (adjustable 12-192kbits/s mono; 16-256kbits/s stereo), AAC-LC/HE/HEv2/LD/ELD, MP3, MPEG L2, G722, G711, L16, L20, L24



3G / 3G UMTS / 4G AMR-WB, AMR-NB, VoLTE

Optional redundant power supply



AUDIO INTERFACES

Analog

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

Digital

- + AES/EBU I/O
- + Sampling rate from 32 kHz to 48 kHz or synchronised to input (Genlock mode)
- + XLR sockets (1 female in, 1 male out)
- + AES 67
 - RAVENNA 2 channels
 - DANTE 2 channels
 - Redundant

AUDIO PERFORMANCE

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

AUXILIARY FUNCTIONS

Relay transmission

- + Transmission of digital I/O: 8 inputs, 8 outputs
- + Including 2 isolated I/O

NETWORK INTERFACES

- + 1x Ethernet Gigabit
- + 1x Ethernet 100 / 10BaseT
- + 1x Integrated mobile access 3G/3G+/4G/5G: IP data mode, voice/HD voice, VoLTE
- + 2x SMA sockets for antennas in diversity
- + 1x USB host interface for 3G/3G+/4G /Wi-Fi connections with USB dongle
- + 100% FEC: packet replication (standard or interleaving)

USER INTERFACE

- + Encoder and OLED display
- + Alarm and status indicators
- + 50 programmable configuration / dialing profiles
- + Audio level monitoring for inputs and outputs
- + Headphone monitoring connection on front panel
- + Linux architecture

CONTROL AND SUPERVISION

- + Embedded HTML server
- + Remote Access
- + SNMP
- + ScoopManager
- + Ines VTS (SMC)

GENERAL

- + Power supply: AC 85-263 V / optional 12 V DC
- + Dimensions (W x H x D): 240 x 44 x 252 mm (1/2 RU)
- + Weight: 1.3kg
- + Temperature range: 0° to 45° C

OPTIONS

- + Internal 4G/5G adapter
- + 12V DC power
- + Redundant power supply
- + Remote Access
- + ScoopManager
- + AES67 (RAVENNA)
- + AES67 (DANTE)

ACCESSORIES

- + Spare multiband antenna
- + Spare 12V external power supply
- + Rack mounting kit
- + Blind plates

SCOOP6 Pack

- + Scoop6
- + Remote Access
- + Redundant power supply

SCOOP6 mobile Pack

- + Scoop6
- + HD-4G option
- + Remote Access
- + Redundant power supply

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