

Catalog Card

Station controller DAC



Sat-System Sp. z o.o.
Ul. Stanisława Staszica 47
05-092 Łomianki
E-mail:
sales@railway-systems.eu
office@railway-systems.eu



ISO 9001:2015



IST/TS 22163:2017



AQAP 2110:2016



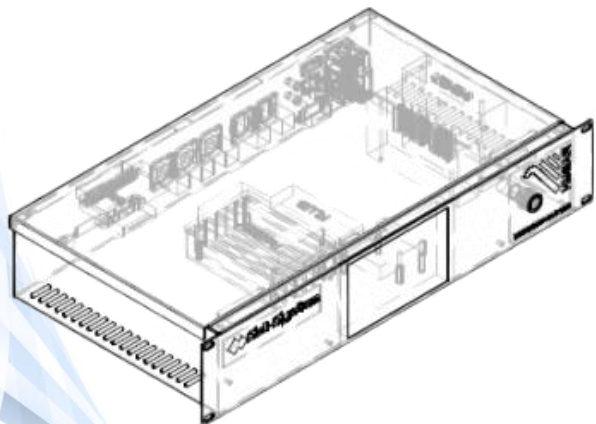
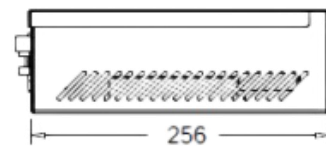
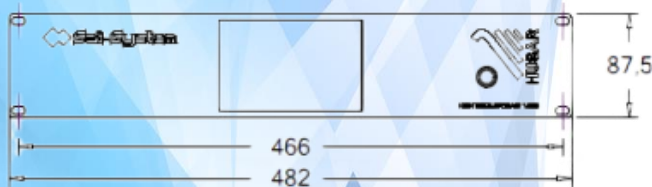
Świadectwo
Bezpieczeństwa
Przemysłowego



Koncesja
MSWiA

PURPOSE, DEVICE CHARACTERISTICS

The DAC station controller is part of the Broadcasting System and is a device/platform that will provide control, supervision and audio signal processing functions for all incoming and outgoing interfaces. It realizes connections with CSDIP and PDP servers, connections with platform dispatch stations and microphone desks. It also allows for connection to a VoIP telephony network that transmits speech sounds via Internet links or separate networks using the IP protocol, controlled by the SIP signaling protocol, time synchronization of the internal RTC real-time clock from NTP / SNTP time servers and remote configuration, control and monitoring of devices using On Board Web, SSH, SNMP tools





TECHNICAL DATE

Technical parameters	
Display	5" HD - touchscreen
Inputs/outputs	2x linear, 1x microphone input (sensitivity 450-500mV, P48 power supply) 2x LINE /MIC 0.707V microphone input 4x GPIO input (option), 4x GPIO output (option), 4x USB 2.0, 2xRj 45 100 BASE-TX (IEEE 802.3), TCP/IP, 1x analogue AUDIO output
Functionality	- Self test, adjustable operating frequency of amplifiers 00.1-100s, control background sensors and adjustment of announcement levels, management ANS background sensors, recording of spoken messages - Remote configuration, control and monitoring of devices using On tools Board Web, SSH, SNTTP, - Time synchronization of the internal RTC real-time clock with external servers
Supply voltage	Redundantne 100 - 230VAC ($\pm 10\%$) 50-60Hz $\pm 1\%$ 35-60VDC
Power consumption (avg./max.)	60W/100W
Security	Overvoltage
DSP processor	Delay, low and high frequency filtering, crackle filtering, limiter
Protocols	TCP/IP; SNMP V2 i V3; UDP; NTP; VoIP, SIP IEEE RCF 3261
Operating temperature range	-5°C do +55°C humidity 20%-90% noncondensing
Dimensions	Rack 19" 2U - 482mm x 87,5mm x 260mm
Libra	2kg
Housing tightness	IP-20 (according to PN-EN 60529:2003), Housing adapted for mounting in a 19" RAC cabinet
Option	Possibility of software integration with the desktop of the ICT system traffic dispatcher using dedicated software using VoiP, SIP, POST protocols