

Radio
Receivers

Remotes

Gate
Controllers

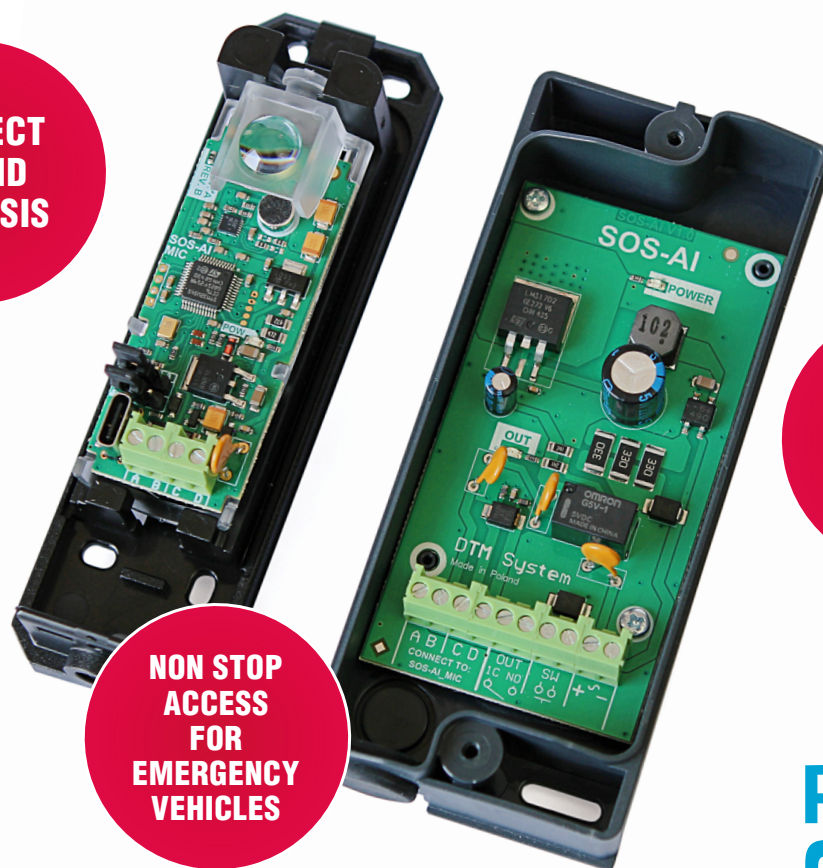
Gate
Automation
Accessories

Gate
Motors

Access
Control



PERFECT
SOUND
ANALYSIS



SIGNAL
DETECTION
USING
AI

NON STOP
ACCESS
FOR
EMERGENCY
VEHICLES

PERFECT
SOS
AI

- technology eliminating false alarm signals
- an additional function of responding to a loud acoustic signal lasting (eg horn)
- dedicated SOS-AI Tool software

PERFECT-SOS-AI is a receiver for emergency vehicle signals such as WAIL, YELP, and HI-LO, and optionally for continuous HORN signals. It can be used at entrances to public places, such as housing estates, parking lots, and businesses. It responds to the siren's sound, allowing emergency services to enter at any time. The use of modern machine learning technology, known from artificial intelligence solutions, allows for the effective identification of signals from privileged services while eliminating the risk of false detections.



➤ Basic parameters

power supply: 12-24VAC/DC
current consumption: 100mA
operating temperature (min./max.): -20°C/+55°C
external housing dimensions
(W x D x H): 55x27,5x118/37x36x120 mm
housing: splash-proof, IP-54

➤ Input and output parameters

supported signals: WAIL, YELP, HI-LO, continuous HORN signal
relay outputs (type / number / max load): NO/1/1A 24VAC/DC
output operating mode: monostable 1s or until deleted (latch type)
external button input: NO type

➤ Functionality

user interface: LED indicator for device operation and signal detection
ability to respond
to a continuous HORN signal: optional, after setting a jumper

➤ Dedicated software

SOS-AI TOOL
compatibility: Windows 10/11
configuration features: adjustment of sensitivity, detection time, output channel
activation time, and horn detection time
interface languages: Polish, English, and German
update feature: automatic and manual firmware upload
additional options: quick factory reset

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