

HIKVISION



JOINT VALUE BROCHURE

CREATING AUDIO AI DETECTION SOLUTIONS TOGETHER

Detect, classify and alert on
dangerous or critical sound events

About

JALUD - Embedded audio AI detection for HEOP cameras

The Sound Event Detector (SED) alerts users to specific sound events and monitors environmental noise. The SED detector uses an AI algorithm to detect, classify and alert on dangerous or critical sound events. It is NOT a simple noise sensor but a reliable detection tool that helps to protect areas and save lives. The SED detector will alert on sound events such as: glass breaking, gunfire, panic screams or aggression.



Technical Details

Solution Type	Alarm Systems, Video Analytics
Integration Protocol	HEOP
Product Languages	English, Czech
Regions	Africa, Asia, Europe, Latin America, Middle East & North Africa, North America, Oceania

Integrated Hikvision Products

- ✓ Network Camera

Supported Product Models and Versions

HEOP series 2 and 3 cameras



Solution **Architecture**

DETECTION



PROCESSING



OPERATION



User **Benefits**

- 1** • Our solution listens for important sounds that indicate a need for immediate security response to dangerous situations
- 2** • Operational 24/7
- 3** • GDPR compliant
- 4** • Intruder detection via sound filtering
- 5** • Doubles (at minimum) efficiency of monitoring center



Key Features



Response time: < 5 seconds



Multiple types of sounds detection:
Gunshot, Glass breakage, Panic
screams, Aggression....



High reliability / low number of false
positives: more than 700,000 sound
samples in our AI



Targeted industries



Banking and Finance



Retail



Government Facilities



Safe City



Commercial



Utilities, Energy and Mining



Public Transport



Casinos and Gaming

HIKVISION



About Us

Hikvision Digital Technology

Hikvision is committed to serving various industries through its cutting-edge technologies of machine perception, artificial intelligence, and big data, leading the future of AIoT. At Hikvision, we believe that close collaboration with our ecosystem of partners is needed to further accelerate innovation and development in the security industry, while also securing maximum value creation for clients.

We work in close partnership with thousands of best of technical manufacturers of hardware and software systems in the security, automated manufacturing, and IoT industries. Our Technology Partner Program ensures that our clients can use Hikvision technologies knowing that we provide vendors with the tools to obtain comprehensive integration and compatibility with all our products.

JALUD Embedded s.r.o.

JALUDs developers have extensive experience with machine learning and artificial intelligence. Our main focus is to provide a new form of passive security by essentially adding EARS to the existing security solutions. We have developed Sound Event Detector to detect gunshot, glass-break, scream, aggression, drones, angle-grinder, spray vandalism, siren and other sound events that might indicate a dangerous situation.



JALUD

Headquarters
Nepomucká 1355/261
326 00 Plzeň
Czech Republic
Phone: + 420 602 765 042
Email: lukas.svoboda@jalud-embedded.com
Website: www.soundeventdetector.com

Hikvision Australia
T +61-2-8599-4233
salesau@hikvision.com

Hikvision Azerbaijan
T +994 50 369 81 57
Azerbaijan.CATC@hikvision.com

Hikvision Brazil
T +55-11-3318-0050
Latam.support@hikvision.com

Hikvision Canada
T +1-866-200-6690
sales.canada@hikvision.com

Hikvision Colombia
sales.colombia@hikvision.com

Hikvision Czech
T +420 29 6182640
info.cz@hikvision.com

Hikvision Egypt
T +20223066117
sales.eg@hikvision.com

Hikvision Europe
T +31 23 5542770
sales.eu@hikvision.com

Hikvision France
T +33(0)1 85 330 450
info.fr@hikvision.com

Hikvision Germany
sales.dach@hikvision.com

Hikvision Hong Kong , China
sales.hk@hikvision.com

Hikvision Hungary KFT
info.hu@hikvision.com

Hikvision India
T +91-22-6855 9944
sales@pramahikvision.com

Hikvision Indonesia
T +6221 2933 9366
Sales.Indonesia@hikvision.com

Hikvision Israel
T +972 79 5555590
sales.israel@hikvision.com

Hikvision Italy
T +39 0438 6902
info.it@hikvision.com

Hikvision Kazakhstan
T +7 (727) 291-75-88
support@hikvision.kz

Hikvision Kenya
wangchengbin@hikvision.com

Hikvision Korea
T +82-1661-8138
sales.korea@hikvision.com

Hikvision Malaysia
T +60327224000
sales.my@hikvision.com

Hikvision Mexico
T +52 55 2624 0110
sales.mexico@hikvision.com

Hikvision New Zealand
T 09 217 3127
salesnz@hikvision.com

Hikvision New Panama
Sales.centralamerica@hikvision.com

Hikvision Pakistan
T +92-2135147526
support.pk@hikvision.com

Hikvision Philippines
support.ph@hikvision.com

Hikvision Poland
T +48 22 460 01 50
info.pl@hikvision.com

Hikvision Russia
T +7-495-669-67-99
saleru@hikvision.com

Hikvision Romania
marketing.ro@hikvision.com

Hikvision Singapore
T +65 6684 4718
sg@hikvision.com

Hikvision South Africa
T +27 877018113
sale.africa@hikvision.com

Hikvision Spain
T +34 91 737 16 55
info.es@hikvision.com

Hikvision Tashkent
T +99-87-1238-9438
uzb@hikvision.ru

Hikvision Thailand
sales.thailand@hikvision.com

Hikvision Turkey
T +90 216 521 70 70
support.tr@hikvision.com

Hikvision UAE
T +971-4-4432090
salesme@hikvision.com

Hikvision UK & Ireland
T +44(0)1628 902 140
info.uk@hikvision.com

Hikvision Uzbekistan
T +998-71-233-55-50
uzbekistan@hikvision.com

Hikvision USA
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision Vietnam
T +84 24 7300 7586
sale.vn@hikvision.com



www.hikvision.com
support@hikvision.com

