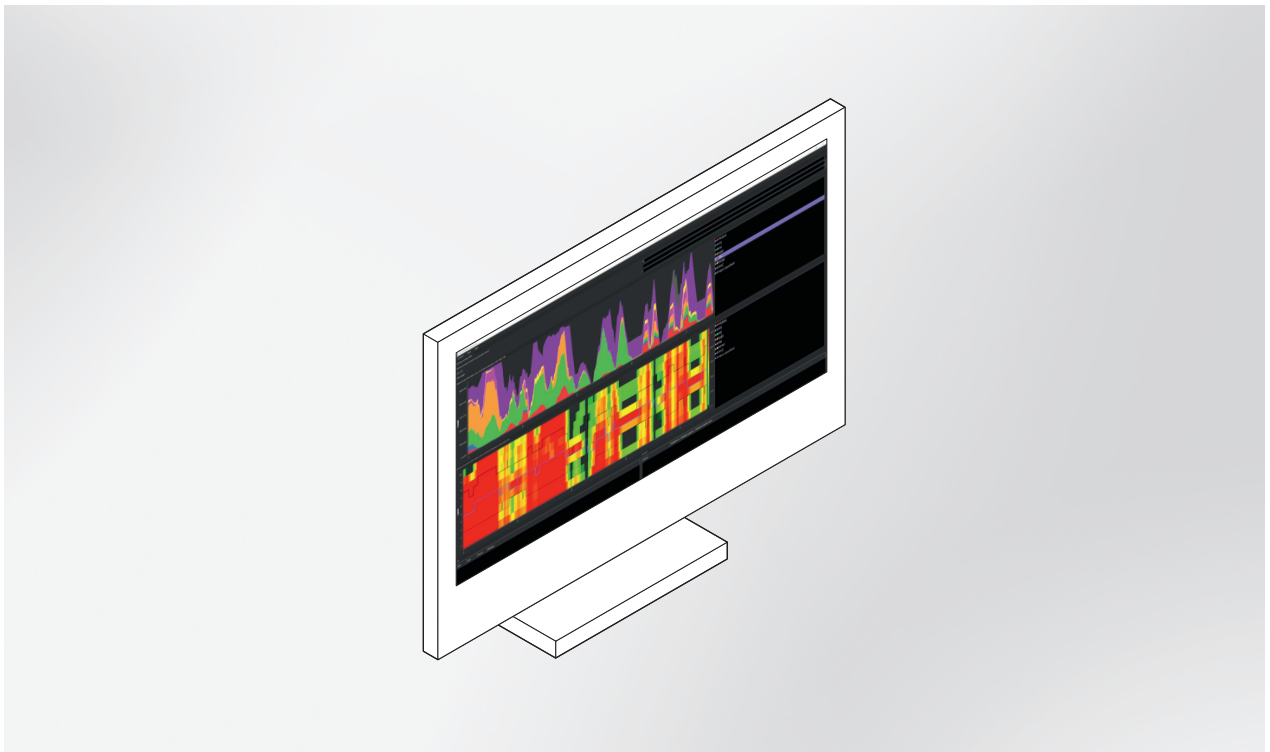


# Data sheet

# **EVK STREAM**

# Supervisor

Vo2-22-EN



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# EVK STREAM Supervisor

## Software for multi-point monitoring of industrial material flows

- Display of user data in real-time
- Supports up to five Hyperspectral Imaging Cameras simultaneously
- PLC communication via OPC UA protocol

**Description** The EVK STREAM Supervisor provides key data for the real-time monitoring of industrial material flows using classified image data. As a live stream, this software displays the material distribution, the amount and composition of the material on the conveyor belt, based on the chemical properties of the inspected material. If required, the EVK STREAM Supervisor software can integrate up to five hyperspectral cameras for a multi-point inspection. Individual equipment within the industrial plant or facility can be optimised and the overall performance increased. Using an OPC UA interface, the EVK STREAM Supervisor can be connected to higher-level control or monitoring systems.

- Key features**
- Monitoring material flows based on their chemical properties
  - Real-time data processing and visualisation
  - Supports up to five EVK HELIOS hyperspectral cameras
  - Intuitive, easy to use interface
  - Continuous, seamless CSV file export
  - PLC communication via OPC UA protocol
  - 100% compatible with EVK HELIOS hyperspectral cameras and the EVK SQALAR data analysis software

- Client benefits**
- Significant increase in the facility's output thanks to:
- Optimisation of individual units in the process line
  - Entire process chain upgrade
  - Ideal utilisation of the conveyor belt capacity
  - In-line quality control to analyse input material

- Typical applications**
- Monitoring material streams in
- the waste and recycling industries
  - the food industry
  - the mining sector

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# Experts in industrial imaging

## System requirements

|                  |   |
|------------------|---|
| Operating system | Windows 7, Windows 10, Windows 11       |
| CPU              | Core™ i5 7 <sup>th</sup> gen. or better |
| Memory           | 8 GB RAM                                |
| Free space       | 100 MB of free space                    |
| Network hardware | 1 Gigabit Ethernet or better            |

## Order information

| EVK STREAM Supervisor |              |                  |
|-----------------------|--------------|------------------|
| Product               | Order Number | Licence type     |
| EVK STREAM Supervisor | LIZ-006x_003 | Annual DONGLE    |
| EVK STREAM Supervisor | LIZ-006y_003 | Annual SOFT      |
| EVK STREAM Supervisor | LIZ-006x_005 | Demo DONGLE      |
| EVK STREAM Supervisor | LIZ-006y_005 | Demo SOFT        |
| EVK STREAM Supervisor | LIZ-006x_004 | Perpetual DONGLE |
| EVK STREAM Supervisor | LIZ-006y_004 | Perpetual SOFT   |

| EVK products in combination with EVK STREAM Supervisor |              |   |
|--|--------------|---|
| Product  | Order Number | Description   |
| EVK HELIOS EC32  | AGX-22008    | 320 px Hyperspectral-Imaging Core Camera                                      |
| EVK HELIOS EQ32  | AGX-22002    | 320 px Hyperspectral Imaging Camera using an integrated Classification System |
| EVK ALPHA  | AGX-22033    | Real-time Processing platform for Spectral Imaging                            |
| EVK SQALAR   | LIZ-004x_xxx | Demo / Annual / Perpetual License for Classification Modeling Software        |

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