SICK
Sensor Intelligence.

Visionary AP Products
Getting started

Mobile Perception

June 2025

SICK Visionary AP products

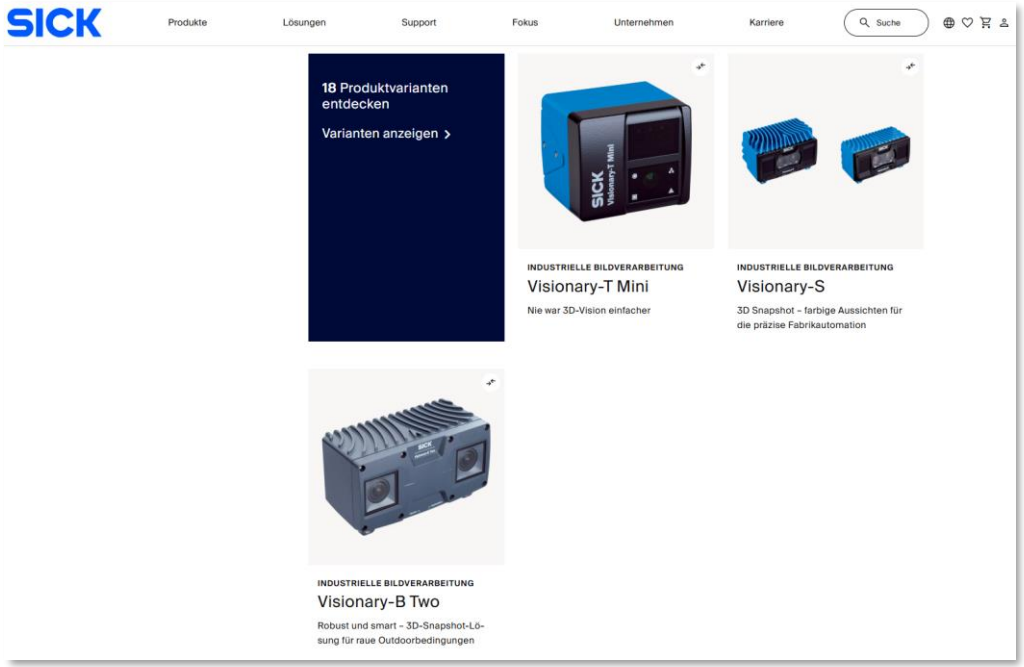
Visionary **AP products** are programmable **3D cameras** within the SICK AppSpace Ecosystem.

- **Made for:**
  - 3D Vision specialists to develop and run customized Apps on the sensor
    - Utilize available AppSpace functions to solve highly sophisticated 3D vision applications
    - Deploy the solution on your or your customers devices

  - Customers who want to purchase ready-made applications that solve a specific task and run on the sensor
    - configure the app for your specific application

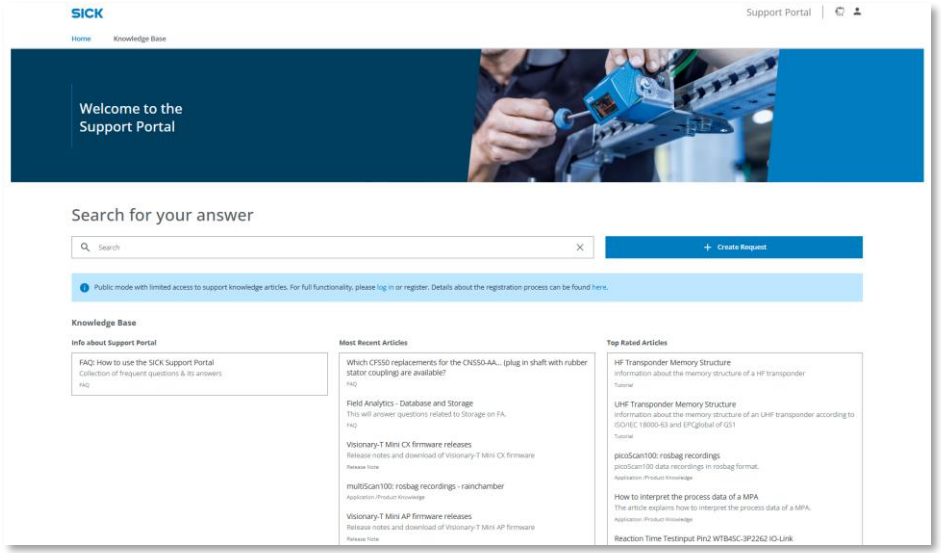
SICK Visionary AP products

- Choose from the programmable devices in the SICK Visionary portfolio
- Get an overview on all available Visionary AP devices on sick.com



Where to find what

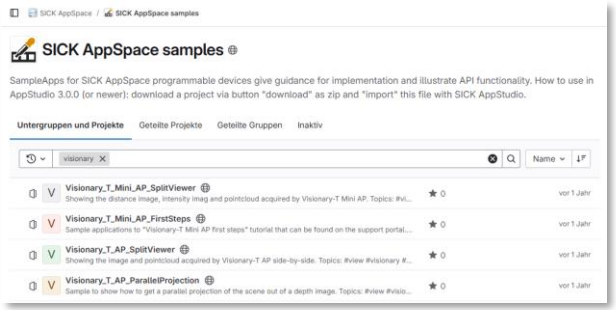
- Data sheets and documentation for the individual devices can be found on the corresponding device pages on sick.com
- More information and support for the Visionary AP programmable devices is available on the SICK Support Portal
- Here you can find …
  - Support for general AppSpace topics and LUA coding
  - Device specific release notes information (incl. API documentation, programming samples…)
    - Visionary-S AP
    - Visionary-T Mini AP
    - Visionary-B Two
  - Help with your specific questions (Ticket)



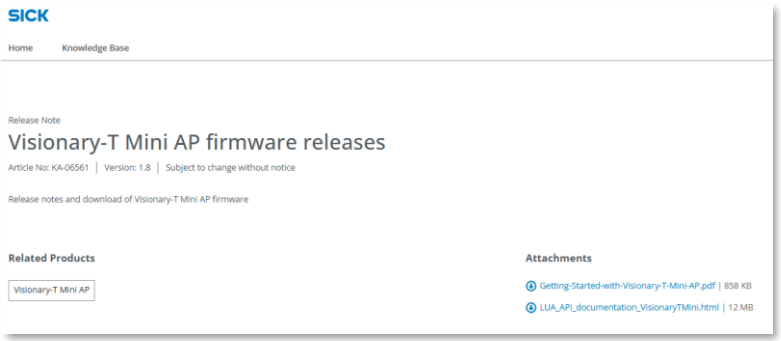
Where to find what

For each Visionary AP device, you can find …

- Helpful programming samples on GitLab to get you started



- A full API documentation
  - Please find the API description among the attachments in the release notes



Software tools

The SICK AppManager is used to manage apps and firmware on Visionary AP devices

- Free of charge on www.sick.com
- Documentation and support

The SICK AppStudio is required to develop Apps

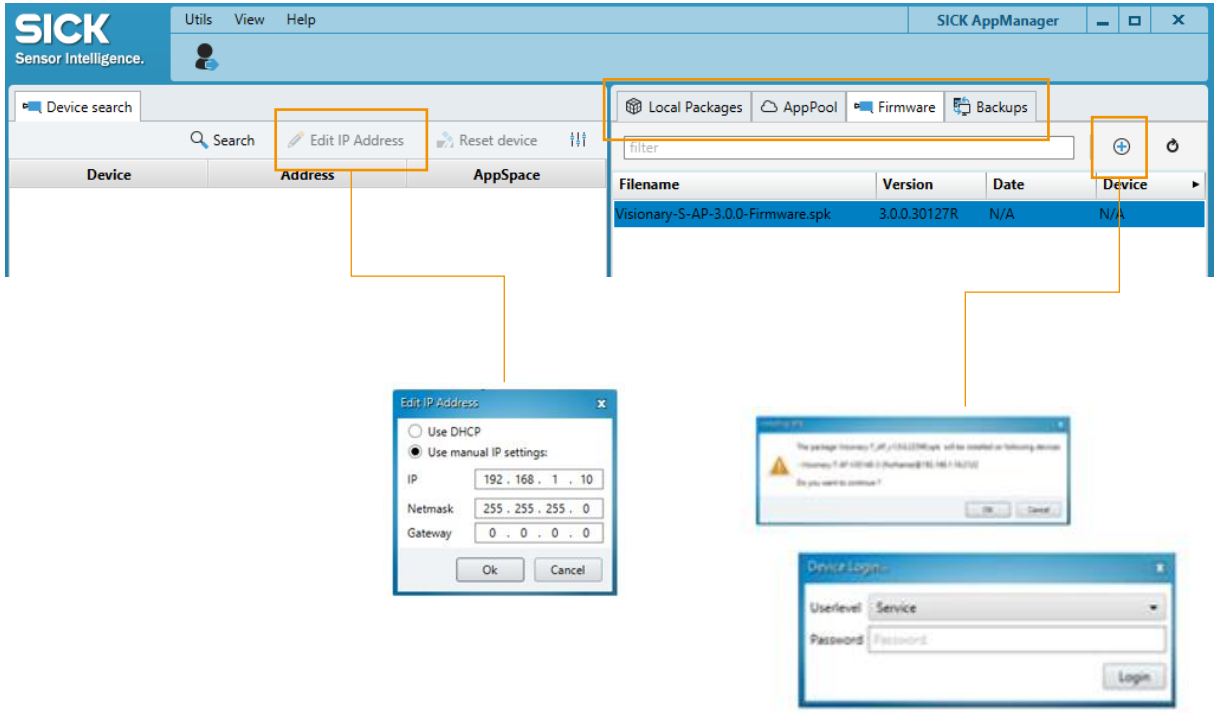
- Get a one-year-license on www.sick.com
- Documentation and support

Manage Visionary AP devices

Use the **SICK AppManager** to manage Visionary AP devices

- Install apps to a device
  - own developed applications (deployed in AppStudio)
  - applications from the SICK AppPool
  - Ready-made SensorApps from SICK
- Update the device firmware
- Change the IP address of the device
- Create backups of a device

Documentation and support



Program Visionary AP devices

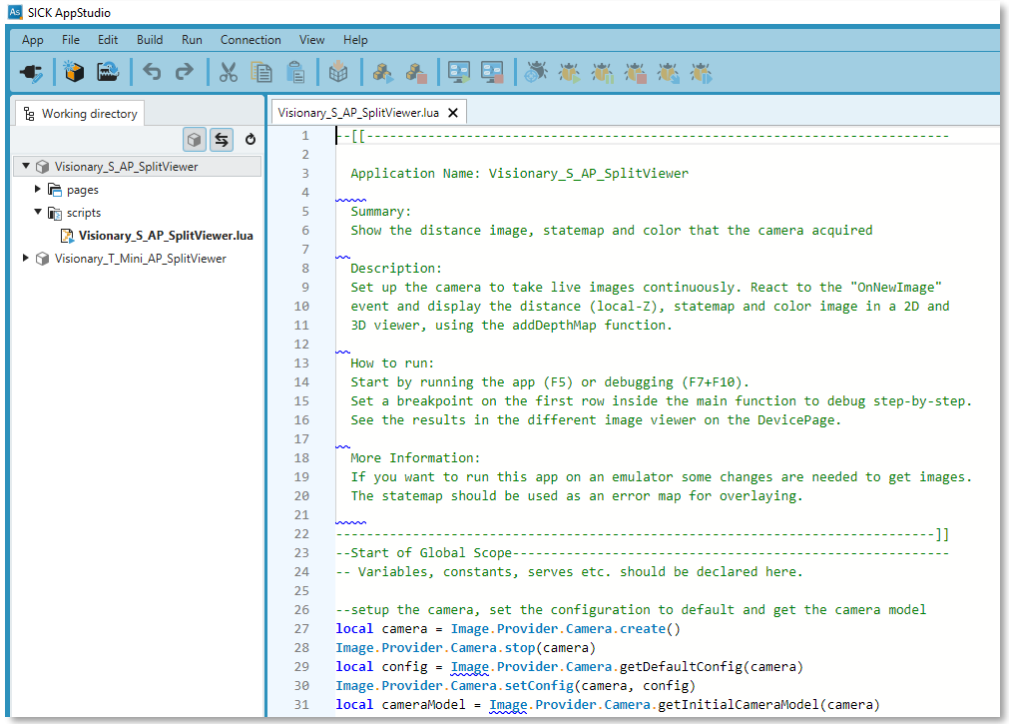
Use the **SICK AppStudio** to develop your own applications

- SICK AppStudio is an Application development Kit within the AppSpace eco-system and provides
  - IDE (Integrated Development Environment) with editors and utilities
  - Emulators

- Use the available programming examples to get started

- Deploy applications that can be managed and redeployed by the AppManager

Documentation and support



Thank you for your attention.

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