



uEye Live industrial monitoring cameras

Plug and stream



The new uEye Live cameras with integrated Ambarella SoC offer video streaming, video encoding and event recording without a PC and without application programming for industrial process monitoring tasks.

The cameras with Gigabit Ethernet interface are designed for standalone operation. A total of three parallel streams are available. In addition to H.264, the models also offer MJPEG via HTTP, which makes it possible to display the images directly in a web browser without additional plug-ins or third-party software. The RTSP protocol ensures standardized integration of the H.264 streams into existing tools and applications. The cameras can be conveniently integrated into machine control systems via a web-based REST API.

- Outstanding images thanks to the latest Sony Starvis 2 sensor technology and integrated ISP with features like auto gain, auto white balance, etc.
- Ambarella SoC supports HDR and low-light processing
- Monitoring/process observation as a “single-device solution”
- Output and recording of multiple coded image streams
- Event-based recording („DashCam feature“) in the camera memory



uEye SCP



Use cases

- Monitoring/Process Observation
- Work Area Monitoring and Visualization
- Air- and Container Port Monitoring
- Robot Cell Observation
- Traffic and Transportation Monitoring
- Automated Manufacturing and Robotics
- Pharmaceutical and Medical Manufacturing
- Traffic and Transportation Monitoring
- Agriculture
- Environmental Monitoring and Safety

Specifications

Monitoring	
Streaming	<ul style="list-style-type: none"> • 2x 30 fps @1080p + 1x 30 fps @VGA (Multi Stream) • RTSP + HTTP • Event Recording via GUI/REST-API
Codecs	<ul style="list-style-type: none"> • H.264 • MJPEG
Access and control	Integrated web server
Ambarella SOC/ISP	<ul style="list-style-type: none"> • auto gain • auto white balance • HDR • low-light processing • color-enhancement
Recording	<ul style="list-style-type: none"> • 60s preAlarm + 60s postAlarm • max. 10 Recordings

General	
Name	GL-54J0SCP-C-HQ
Interface	GigE
Lens mount	C-Mount
IP code	IP30
Mass (g)	~53g
Dimensions H/W/L	29.0 x 29.0 x 29.0 mm
Power supply	12 - 24 V
Connector	2GPIOs/Trigger/Flash

Sensor	
Manufacturer	Sony
Sensor variant	CMOS Color
Resolution (h x v)	3856 x 2176 px
Resolution Class	8 MP
Sensor size	1/1.8"
Shutter	Rolling Shutter
Sensor model	IMX678-AAQR1-C
Sensor geometry	16:9
Pixel size (µm)	2
Optical diagonal (mm)	8.855
Minimum free run exposure time	0.031
Maximum free run exposure time	33

【お問い合わせ先】 正規代理店


株式会社ティー・イー・エム
 〒102-0072
 東京都千代田区飯田橋二丁目1番10号 TUGビル5階
 TEL : 03-6265-3310 FAX : 03-6265-3350
 URL : <https://www.tem-inc.co.jp/>
 E-mail : ids@tem-inc.co.jp

