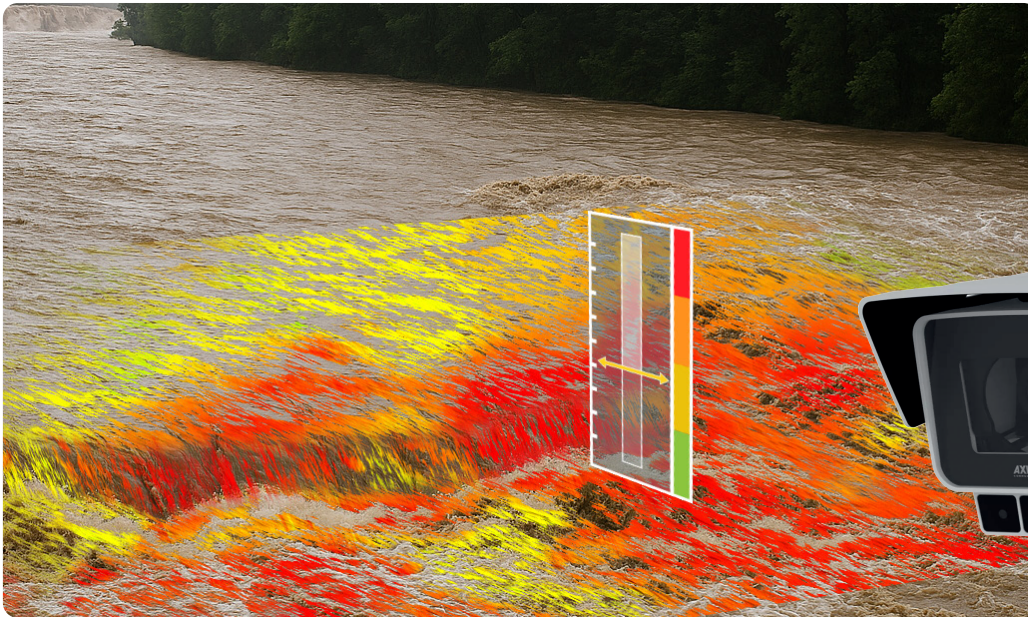




# HydroSight

## Applications

Surface water  
Water quantity  
Flood monitoring



## Video Analytics for Real-Time Water Flow Monitoring

### Contactless Monitoring of Water Level, Surface Velocity and Discharge

Easy to install and highly flexible for diverse sites.

Confidence through remote visual validation.

Video analytics performed in the camera for lower hardware and telemetry costs.

Global expert support for installation, calibration, and maintenance.

### Cope With Challenging Site Conditions

HydroSight delivers reliable, contactless discharge monitoring across the entire river width – even where traditional sensors fail. Installed safely beside the water, it eliminates complex installation on bridges or arms and risky in-water setups – making monitoring simpler and smarter. It enables accurate and traceable data collection in complex or hazardous flow situations such as rocky beds, diverted channels, or sandbanks. Designed for minimal maintenance, OTT HydroSight combines intuitive usability for long-term efficiency and reliability in critical hydrological monitoring.

### Visual Confirmation

OTT HydroSight provides time-series data on quantitative flow information and additional visual confirmation centralized on a single device and accessible remotely. Camera-based graphic overlays display velocity distribution and water level directly on the image, enabling remote validation, reducing manual interventions. This improves safety and builds confidence in your data and site status.

### Proven Expertise

Hydrologists worldwide rely on OTT solutions for dependable water monitoring, with thousands of installations supporting flood warning and environmental management. Field experience shows that manual inspections, especially in extreme weather, increase safety risks and operating costs. OTT HydroSight tackles these challenges by combining image and video analysis with level and velocity monitoring, while seamlessly integrating with other OTT products for validation.

### Service Offering

OTT HydroMet provides complete support for your monitoring site, including calibration, field installation, and ongoing guidance.



Camera*	AXIS P1388-LE	AXIS Q1808-LE	AXIS Q3558-LVE
Type:	Box Camera	Bullet Camera	Dome Camera
Resolution	8 MP (3840×2160)	10 MP (2688×1512)	8 MP (3840×2160)
Max IR Distance	Up to 25 m	Up to 50 m	Up to 30 m
Operating Temperature	-40 °C to 60 °C	-50 °C to 55 °C	
Power Draw Avg with IR	9.1 W	14.9 W	6.9 W
DC Input Voltage	10-28 V		
Interface	RJ45 / Ethernet		
Operating System	AxisOS		
Processor	ARPTec 8	ARPTec 9	
Country of Origin	Poland		
<b>HydroSight</b>			
Variants:			
HydroSight Level	Water level		
HydroSight Flow	Water level, surface velocity and discharge		
<b>Accuracy**</b>			
Level	1 cm		
Velocity	5 %		
Discharge	10 %		
Measuring Range**	0.3 ... 10 m/s		
Input (Ext. level sensor)	Modbus TCP, HTTP request		
Output	Logic output, Modbus TCP, (S)FTP, HTTP request, MQTT Messages		
Storage	microSD card (optional, measurements and images)		

\* Selection is a representative example. All Axis cameras with Arptec 7, 8, 9 Processor are compatible.

\*\* Values are dependent on site conditions