Case study

Integrating Mettler Toledo IP Electronic Scale with Axis Network Camera using CamStreamer Apps

Mission

As businesses are continuously seeking to optimize their operational efficiency, the integration of Axis Network Camera, CamStreamer applications, and Mettler Toledo IP electronic scale offers a unique, cutting-edge solution. **This setup brings real-time data monitoring to the forefront, enhancing productivity and operational oversight.**

Solution

The technical setup includes an **IP-connected Mettler Toledo scale** (in this instance, the ICS685 model, though the solution is compatible with all models supporting the SICS protocol) and an **Axis camera** within the same Local Area Network (LAN).

The Axis camera has two onboard CamStreamer apps: the CamScripter App and the CamOverlay App. The CamScripter App utilizes a Node.js micro-app script, available for free on our GitHub. This script fetches live data from the scale and feeds it into the video's graphic overlay **while simultaneously logging an event to the Axis Camera Station VMS**. This script can fetch **weight in selected unit or counting of pieces** which this scale can do as well. CamOverlay App generates the real-time graphic overlay onto the video output of the camera.

What do you need?

Hardware:	Any compatible AXIS camera (for e.g., AXIS M1137 MkII)
	Premium IP Scale ICS685 Mettler Toledo
Software:	CamOverlay App
	CamScripter App
	Script for the CamScripter App on GitHub

AXIS M1137 MkII
+ CamOverlay App
+ CamScripter App with micro-app

Video with displayed **LIVE data** as graphic overlay

IP digital scale **Mettler Toledo**

Network **PoE Switch**

Weight data can be also sent as events to VMS (AXIS Camera Station)

Case study

Integrating Mettler Toledo IP Electronic Scale with Axis Network Camera using CamStreamer Apps

Result

This integration yields a two-fold result:

A real-time video from the camera with data integrated into the graphic overlay, forming part of the outgoing video from the Axis camera. This overlay presents the user with live data monitoring visually in the video stream.

Each measurement from the Mettler Toledo scale is registered as a distinct event within the Axis Camera Station VMS. This feature allows users to search, filter, and playback each measurement event, offering a detailed and highly accessible data archive.

In summary, this smart integration brings real-time data monitoring right to your fingertips, offering a revolutionary solution to enhance operational productivity and efficiency.

**camstreamer.com/resources/
integrations**

Watch video on YouTube

If you have **a request for a tailor-made micro-application** to be created for you, please don't hesitate to contact us: support@camstreamer.com