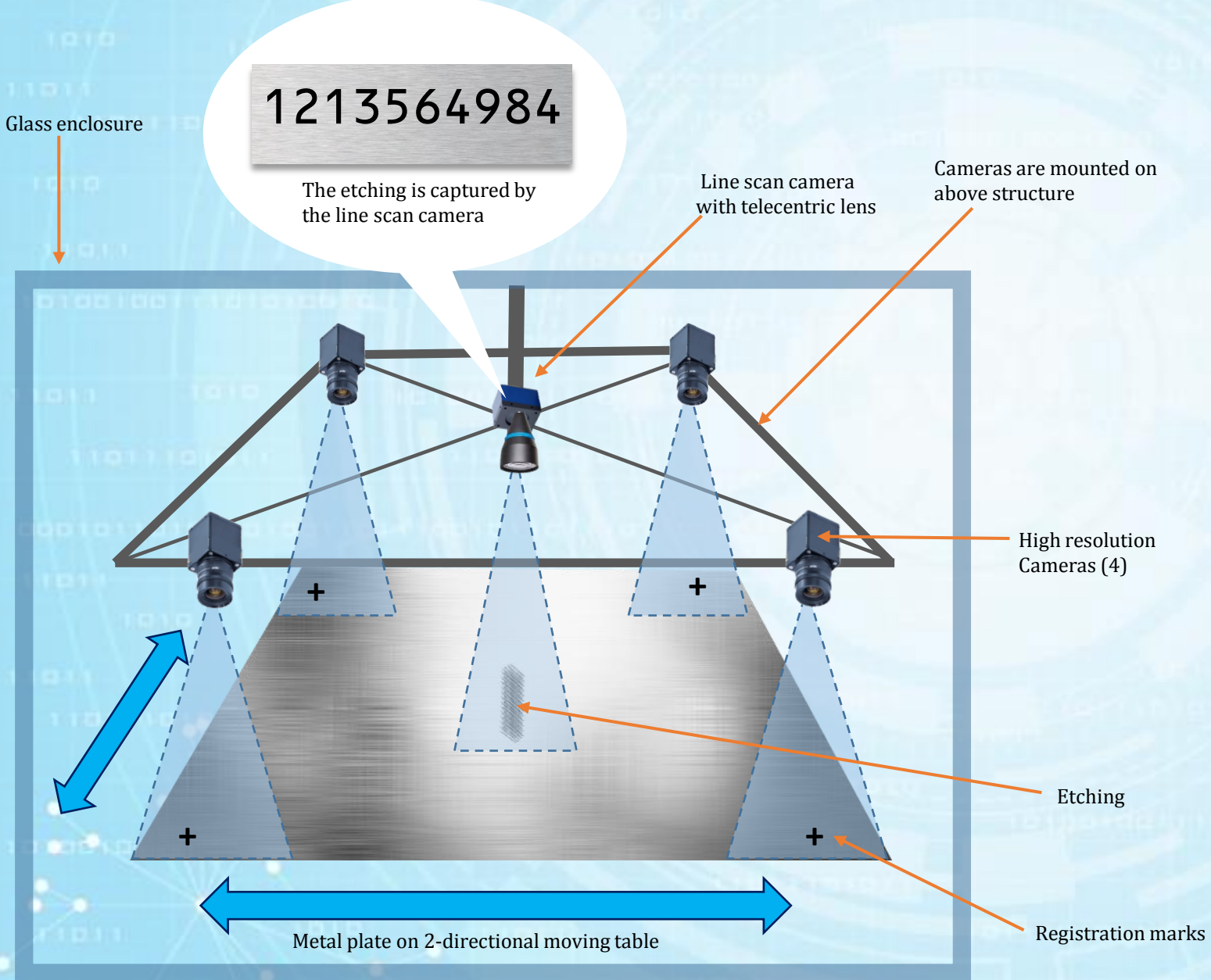


# Etched Metal Plate Reading, (OCR)



A metal sheet manufacturer needs to record thousands of etchings from each individual sheet it produces. The manufacturer needs a system that is reliable and precise.



### Solution:

Four high resolution registration cameras and a line scan camera with a telecentric lens are used to read the metal plate's etching.

The plate is fitted with four registration marks and is placed on a two directional table, which causes the plate to move on an x and y-axis.

The four high resolution cameras recognize the registration marks on the plate, and fix the plate in that position when all marks have been located. The line scan camera is then able to capture an image of the metal plate's etching.

This is an accurate and precise system, which can repeatably gather the etching information for thousands of plates. The system is cost-effective and highly efficient.