XG-X Vision System Virtual Training

Keyence is offering a 3.5-day XG-X Vision System Training in a live, instructor-led virtual format. Enrolled attendees can participate in our virtual training from home or office, using the XG-X Vision Editor software and the provided training workspace & PDF manual.

Requirements:

- A registered/activated XG-X Vision Editor software license (**Version 3.1**).
- A laptop/PC with headphones & microphone that is connected to the internet. Microsoft Teams will be used for the seminar.
- A second monitor connected to the PC. This is very important to ensure a successful training experience. The XG-X Vision Editor software use will be used on one monitor, while the trainer presentation is displayed on the other monitor.
- XG-X Vision Editor **version 3.1** should be installed and activated on the PC that will be used for training. If you will not have access to the PC that retains the purchased software license, you can request a 30-day trial code for a different PC to be used during the training.
- A download link will be provided for the training material (workspace & PDF manual) once the request is approved.

Virtual Training Session Schedule (Central Time Zone):

Day 1-3: 9 AM – 4 PM CT

Day 4: 9 AM – 12 PM CT

The class is focused heavily on hands-on programming the XG-X Vision System using images that were previously output from the controller.

Day 1	**Day 2**
Hardware Overview	File Structure & Types
Tool Overview	Vision Editor Navigation & Programming
Navigating/Editing Flowchart (Simulator)	Color Processing
Position Adjustment	MultiSpectrum Processing
Outputting Data & Images	Variables, Branching, Looping
LumiTrax Processing	Testing & Debugging in Vision Editor
Processed Image Region (Image Operation)	Custom Screens

Day 3	**Day 4 (Half Day)**
Vision Editor functions	Overview of 3D Vision Inspection
Commands Functions	Height Extraction (height to grayscale)
Accounts & Security	3D Comparison tool
Multiple Camera Setup	Zero Plane (Height)
Line Scan Cameras (Standard & LumiTrax)	Height Measurement tools

*Topics covered in the course are subject to change.