

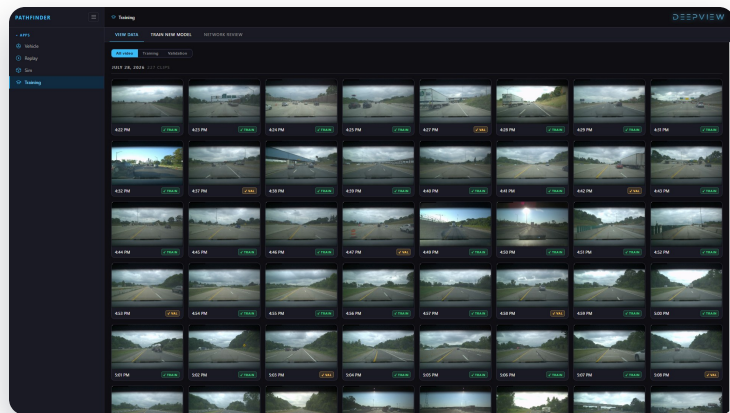
X2000 — ADAS DevKit

Drive-by-Wire Development Kit · Source Code Included

The **X2000 ADAS DevKit** is a drive-by-wire development kit for ADAS teams building on NVIDIA compute platforms. The X2000 is installable with your development fleet, supporting drive-by-wire on Ford vehicles, with additional manufacturers upon request. Featuring 100% of source code available for customer use, including adapted OpenPilot AI Model for lane centering, along with perception, visualization, and data logging functionality. Tech specs include up to 8 GMSL2 cameras, forward radar or lidar, 2 CAN-FD interfaces, and real-time AI inference on NVIDIA Orin AGX. With built-in data recording and LTE, all data is logged and sync'd to your datacenter backend to enable fleet learning.



X2000 ADAS DevKit — Featuring Nvidia Orin SoC



Training console — recorded drives with automatic train / validation split

AI Training Backend

Fleet Learning · Cloud or On-Prem

The **AI Training Backend** closes the loop between your fleet and your AI model training, and is adaptable to run on your backend, in the cloud or locally. Recorded drives upload automatically from X2000-equipped vehicles, models retrain on your fleet's driving data, and improved models deploy back to vehicles over the air. **Deepview is your Fleet Learning development partner for next generation ADAS platforms.**

- ◆ **Datacenter Sync** — recorded drives upload on their own
- ◆ **Model training** — retrain on your fleet's driving data
- ◆ **OTA deployment** — improved models return to the fleet

ADAS Software Modules

Support for NVIDIA Drive Compute platforms

The key features developed with the X2000 ship as software modules with **all source code available for customization** — real-time camera interfacing, hardware-accelerated video encoding, TensorRT AI inference, OpenPilot lane centering, 100 Hz CAN-FD drive-by-wire, the in-vehicle development UI, and CAN + video logging to your datacenter. Additional ADAS Modules currently in development include: 8-camera surround vision, 3D processing of sensor data, real-time 3D occupancy, and automated highway navigation.



X2000 development UI — live camera with path overlay, steering intent, and vehicle state