

"Lighting Series" VIVDS Cards

- **Single or Dual Channel**
 - o Dual Channel Card Includes Complimentary Ethernet
 - Monitor and Adjust Detection From a TMC
 - o "Circle Zone" Technology
 - Enables 1,000 ft Advanced Detection
 - Vehicle/Bicycle Speed and Counting
 - Adaptive Control
 - o Optional SLDC With 128 Outputs
 - FHWA Performance Metrics
 - o TS1, TS2, ATC and 170/2070 compatible



Single and Dual Channel
ITSP-V100 and ITSP-V200E

ITS Plus VIVDS Cards

Typical 24 hour performance is zero missed vehicles and 99% accuracy (1% occasional shadow trip/hung line). Because of this performance ITS Plus software has been stable since 2015 with no updates. The innovative design creates ease of programming, high performance, coupled with an extremely attractive price point.

Two distinct methods of detection; because no single technology can do everything.

Line Zones are designed for stop bar detection. A simple mouse/monitor set up allows for an intuitive 3 step programming.

Circle Zones are virtual loops optimized for Adaptive Control, Advanced Detection, Ramp Metering and Vehicle/Bicycle counting. The unique technology enables advanced detection to 1,000 ft. coupled with accurate counts. Two weeks of data can also be store on the card in 15 minute increments.

Optical Mask Technology (OMT) + Circle Zones + 128 Outputs = Performance Metrics

OMT blocks bright light sources in the field of view while generated high contrast "edges" on moving vehicles. This produces a larger "flight envelope" in terms of detection performance and ease of set up. Coupled with our Circle Zone Technology and 128 Output SDLC we provide the recipe for generated the Performance Metrics required by the FHWA. Think of it as the best features of radar and thermal with the ease of installation of video and you have the unbeatable **Lightning Series** from ITS Plus.