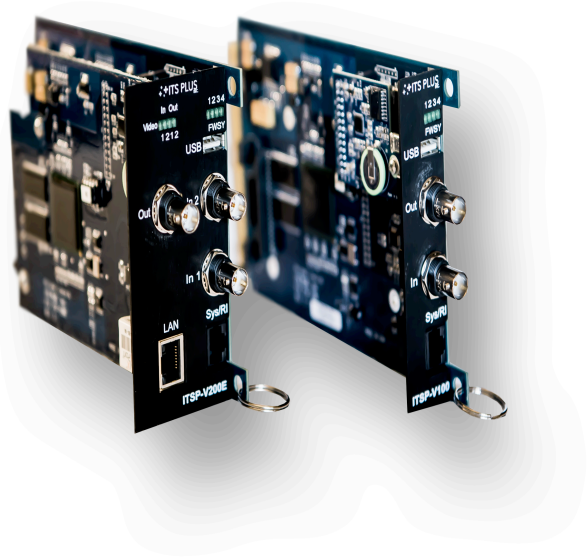
"Lighting Series" VIVDS Cards

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

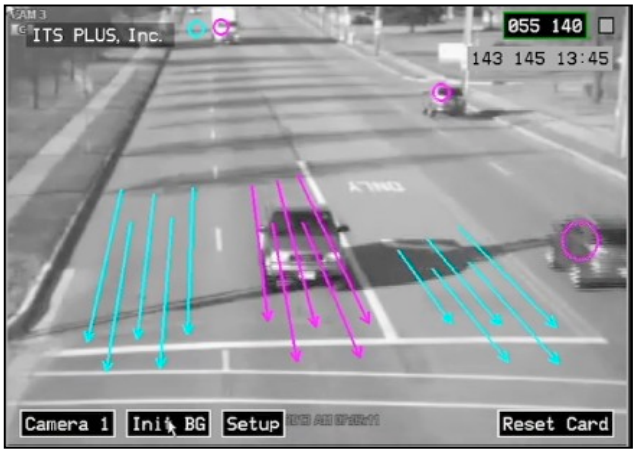
Line Zones are designed for stop bar detection. A simple mouse/monitor set up allows for an intuitive 3 step programming.

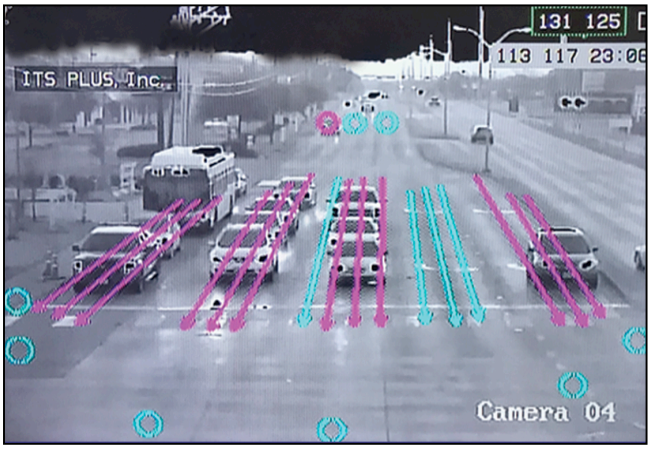
Circle Zones are virtual loops optimized for Adaptive Control, Advanced Detection, Ramp Metering and Vehicle/Bicycle counting. The unique technology enables advanced detection to 1,000 ft. coupled with accurate counts. Two weeks of data can also be store on the card in 15 minute increments.

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.

ITS PLUS INC.





Simultaneously performing Vehicle Counts
Stop Bar and Advanced Detection.
Ideal for Adaptive Control.

OMT blocks high intensity light sources (sun, headlights, traffic lights) while generating high contrast edges on vehicles. Coupled with 12 outputs for FHWA Performance Metrics.

"Lighting Series" VIVDS Cards - Specifications

ITSP-V100

- Single Channel VIVDS Card
- Input Voltage: 12 – 24 VDC
- Power Consumption: 1.5 W
- Programming Via: USB mouse/analog video monitor, or Laptop PC
- Video/Data Outputs: NTSC, MJPEG or RS232
- Card Outputs: 4 relay outputs
- 30 detection zones with flexible logic for mapping to relay outputs
- 2 weeks of stored data in 15 minute increments
- NTSC input via BNC
- Exceeds TS2 Electrical/Environmental cabinet specs
- ISO9001:2000 Certified manufacturing

ITSP-V200E

- Dual Channel VIVDS Card with Ethernet Output
- Input Voltage: 12 – 24 VDC
- Power Consumption: 2.5W
- Programming Via:
  USB mouse/analog video monitor, or Laptop PC, or
  PC at TMC (if connected by Ethernet)
- Video/Data Outputs: NTSC, MJPEG, RS232 or Ethernet
- Card Outputs: 4 relay outputs
- 30 detection zones with flexible logic for mapping to relay outputs
- Exceeds TS2 Electrical/Environmental cabinet specs
- ISO9001:2000 Certified manufacturing