



THE SMARTEST TRAFFIC MANAGEMENT SOLUTION

Gen 2 vs Gen 3 Platform
Comparison



G2 vs G3 – How to Choose Which One



G2 (Proven Workhorse)

- 512-Core NVIDIA GPU | 8-Core ARM CPU | 32 GB RAM
- Up to 4 simultaneous streams
- Reliable 2nd-gen AI model for vehicle, pedestrian, and bike detection

Ideal For

- Standard intersections (small and medium size)
- Low to normal traffic volume
- Variable weather environments
- Sites requiring long-term proven performance



G3 (3x More Powerful but not as Proven)

- 2048-Core NVIDIA GPU | 12-Core ARM CPU | 32 GB RAM
- Up to 6 simultaneous streams
- Advanced 3rd-gen AI model is suitable for more demanding detection tasks

Ideal For

- Large to super large intersections
- Focus on PED/Bike and Advanced Detection
- Focus on high accuracy classification requirements
- Very harsh weather conditions with poor visibility
- Poor to very poor quality legacy video cameras
- Sites needing Safety Analytics and RTN (for new units)