GRIDSMART’s iconic Bell Camera delivers the industry’s only horizon to horizon view that includes the center of the intersection, where vehicles, bicycles, and pedestrians actually cross paths. GRIDSMART uses vision-based tracking with a fisheye camera, allowing the system to track vehicles into and out of the intersection. This capability allows the system to provide true turning movement counts. The system also provides a virtual pan-tilt-zoom, allowing you to customize up to four different views of the intersection, changing anytime you wish.

The GRIDSMART Bell Camera is rugged and tough, milled out of 1/4 inch thick aluminum protecting the downward facing optics from the elements. The single wire system is installed in three hours or less.

- **APPLICATIONS**
  Single camera vehicle detection and counting, highway counting and monitoring

- **CAMERA**
  5MP CMOS
  Power over Ethernet

- **CONNECTIVITY**
  Single Cat5e cable for power and data

- **DIMENSIONS**
  9.9” diameter x 7.9” (25 X 20.1 cm)

- **ENVIRONMENTAL**
  -29°F to +165°F
  (-34°C to +74°C)
  0 to 95% non-condensing

- **POWER**
  5W nominal
  50W with heaters on

- **REGULATORY**
  FCC Class A

- **VIDEO OUTPUT**
  MJPEG

- **VIEW**
  Horizon to horizon, including the center of the intersection

- **RESOLUTION**
  2560 x 1920 pixels

- **LENS**
  180° Fisheye

- **FEATURES**
  Rugged, environmentally-sealed, No aim-No focus

- **HOUSING**
  ¼ inch milled aluminum, IP68

- **WEIGHT**
  7 pounds (3.2 kilograms)

- **WARRANTY**
  3-year hardware warranty