

# MATRIX EDGE



## DEPLOYMENT



### OVERVIEW

Fixed license plate recognition technology is one of the most adopted and successful types of LPR deployment. Matrix Edge cameras are permanently installed, typically on poles or other roadway infrastructure and purpose-built to provide the most accurate data capture possible. These cameras are perfect for when you need high-performance, reliable, continuous scanning in all weather conditions, 24 hours per day, and on vehicles moving at a high rate of speed.

### SCENARIOS

High-performance fixed license plate recognition is necessary for highways, interstates, jurisdiction entry points, and other major thoroughfares due to their high traffic volume. These roads require a high rate of capture, as well as intelligent IR illumination and dual IR/color HD cameras to ensure the most accurate vehicle data is obtained. With vehicles moving at high speeds, a global shutter sensor is also critical to ensure accurate data capture.



## WHY MATRIX EDGE?

### SPECIFICATIONS

- Small Form Factor: 7.1"x6.8"x2.1"
- Weight: 4.2 lbs.
- IP68 rating, Military Grade Aluminum
- Nitrogen-purged
- Temperature range: -30°C to +65°C
- Power Consumption: <12W
- Single Ethernet Connectivity-POE+
- Dual IR/Color HD Cameras
- Embedded Processor at the Edge
  - Plate OCR
  - Vehicle Type
  - Vehicle Color
  - Direction of Traffic
- High Output Intelligent IR Illumination
- Vehicle Speeds in excess of 200 mph
- Solar Capable

100% NDAA COMPLIANT, MADE IN USA



#### CAPTURE RATE

The capture rate determines how many plates the system will successfully detect, not simply the number of scans. Matrix Edge cameras continuously and accurately scan at high volumes.



#### ACCURACY

Read accuracy measures how often recognition is correct. Matrix Edge cameras can read all plate types in dark environments as well as plates on vehicles moving at a high rate of speed.



#### DURABILITY

Matrix Edge cameras are capable of withstanding the test of time and are purpose built to perform in severe climates and weather conditions.



#### 24/7 OPERATION

Matrix Edge cameras lead the industry with the highest rate of plate capture and accuracy, day or night, so your area is always secure.