

MX DEFENDER



DEPLOYMENT



OVERVIEW

MX Defender cameras represent the bleeding edge of fixed license plate recognition technology. Strategically placed for precision, they capture motion-triggered data with unwavering accuracy, even for fast-moving vehicles. Streamlined and reliable, they provide actionable evidence, introducing speed capture capabilities for various real-world applications, no matter the weather conditions.

SCENARIOS

Motion-triggered MX Defender cameras are crucial in scenarios such as highway monitoring, jurisdictional entry points, high-traffic thoroughfares, neighborhood entry points, business center parking lots and parking garages. Their ability to capture data from any passing object, even non-plated vehicles, provides valuable evidence previously unattainable. This feature, combined with intelligent IR illumination and dual IR/color HD cameras, ensures accurate data in any environment.



WHY MX DEFENDER?



MOTION TRIGGER

Motion trigger not only enhances security but also increases the capture rate by activating the camera whenever movement is detected, ensuring comprehensive data collection.



ACCURACY

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



SPEED CAPTURE

MX Defender's speed detection assists communities in enforcing speed limits, promoting road safety, and deterring reckless driving.



24/7 OPERATION

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

SPECIFICATIONS

- Small Form Factor: 6.4"x7.68"x2.8"
- Weight: 3 lbs.
- Focus distance for plate capture:
 - 1.25mm: ideal ~60-90 ft (max ~90 ft IR)
 - 2.16mm: typical ~35-60 ft
- IP68 rating, Military Grade Aluminum
- Nitrogen-purged
- Temperature Range: -30° C to +70° C
- Dual Power Input
 - Ethernet Connectivity-POE+
 - 12 Volts DC Input / Solar
- Dual IR/Color HD Cameras
- Embedded Processor At The Edge
 - Plate and State OCR
 - Vehicle Type, Make, Color
 - Vehicle Speed
 - Direction of Traffic
- High Output Intelligent IR Illumination
- Vehicle Without Plate Detection
- Free-Flow & Motion Trigger Op. Modes
- Color Camera MJPEG Video Stream

100% NDAA COMPLIANT, MADE IN USA