PlateRanger™ Powered by REKOR®
Agent

PlateRanger Agent is a software application that processes live video streams from connected cameras, enabling Automatic License Plate Recognition (ALPR) and vehicle recognition, with results displayed on the PlateRanger Dashboard or through application integrations.

Benefits

Turns Any ONVIF Compliant Camera into an LPR System

No need for expensive new hardware—deploy on existing compatible cameras.

Edge Processing for Real-Time Intelligence

Processes data locally onsite, reducing latency.

Seamless Integration with PlateRanger, ShotSpotter, CrimeTracer & Third-Party Systems

Works with PlateRanger platform which integrates with **CrimeTracer, ShotSpotter or any other third-party system**.

Scalable & Cost-Effective

Deploy across multiple locations without the need for expensive infrastructure overhauls.

Beyond LPR – Captures Vehicle Make, Model, & Color (MMC)

Provides **enhanced vehicle intelligence**, not just plate reads.

Low Bandwidth Consumption

Optimized for **efficient data transmission**, reducing network strain.

PlateRanger Agent (Bring Your Own Camera)

Application	Pre-packaged application installed on computer	Limited customization
	Runs as standalone program	Built-in GUI/interface
	Simpler deployment	Requires specific OS support (Windows OS or Ubuntu Linux)
	Fixed configuration options	
Camera Specifications	IP (Internet Protocol) based camera	Min 100 Pixel on Target: Width of Plate
	RTSP (Real Time Streaming Protocol) Video Streaming Support	IR (Recommended for Night Time Captures)
	ONVIF Compliant	
Recommended Hardware	CPU: Modern i5/i7 or equivalent	OS: Ubuntu Linux
	GPU: NVIDIA dedicated graphics	Capacity: up to 5 cameras at 1080p per machine/environment
	RAM: 16GB minimum	Capacity: up to 10 cameras at 720p per machine/environment
	Storage: 512GB SSD	
Network Requirements	5-8 Mbps per camera for 1080p	Dedicated NIC preferred
	2-5 Mbps per camera for 720p	Low latency connection (<100ms)
	Static IP addressing	

SOUNDTHINKING™

If you would like to learn more about SoundThinking, please visit us at www.soundthinking.com