



The Syntell X1-A is a **Mobile Speed Camera** based on The latest **3D Tracking Radar** technology and high resolution digital camera.

The system is complemented with a touch sensitive display interface for fast and efficient camera operation in the harshest of conditions. The camera can cover up to five lanes of traffic and capture offence details in less than 0.5 seconds. It tracks up to 32 targets simultaneously.

### KEY FEATURES

- Automatic **Vehicle Classification**.
- **Lane Identification** (up to 5 lanes)
- **Simultaneous Dual Direction operation**
- Built-in GPS / 3G
- High brightness touch screen for easy operation and fast setup
- High quality, **colour night image** operation (with optional flash)
- **200% Productivity increase compared to traditional laser cameras**
- **Up to 12 hour continuous operation on a single battery charge**
- Infringement data stored on the internal solid state memory is tamper proof and fully encrypted.
- Robust and compact design
- Session statistics (Max speed, 85<sup>th</sup>%, average speed, vehicle count, session length, etc.)
- Ability to browse through previous images during a session
- Instant image zoom on every infringement image captured



# CAMERA CAPABILITIES

## Modes of operation

- Towards, away or both directions
- Night setting (with optional Flash and Flash Power Pack)
- Fully unattended automatic operation

## Technical Specifications

- 3D Tracking Radar Speed Sensor
- High powered multi-core i7 CPU
- High Brightness 7" Touch Screen
- Speed Accuracy: 30 to 300km/h
- 2 images per second capture rate
- 2048 bit Image encryption
- IP 64 Rating
- 10.5 – 14 V DC Operating Voltage
- Only 18 W Power consumption
- 12 hours of continuous operation on a single battery charge
- -20°C to +60°C Operating temperature range
- Speed accuracy:  $\pm 1\%$  across speed range
- Total Weight: Camera - 7.5 kg, Battery pack - 9.6kg
- Dimensions: 253 x 236 x 140mm (LxWxH)
- Multi-language capable
- Radar Frequency: 24.0 ....24.25 GHz
- Certification: SANS 1795, FCC15.245, ETSI EN300-440, RSS-310, RSS-220 compliant

## Options

- Wireless Night Flash
- 3G Module
- Remote Control Module (WiFi or 3G)
- Full back office integration software



## Agency Opportunities Available

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