



# Fox in a Box (FIAB)



The pole-mounted FIAB can be connected to CitySync PAL or GigE HD ANPR cameras.



## Pole Mounted ANPR Processor

The CitySync Fox-in-a-Box (FIAB) is a discreet Pole-Mounted powerful ANPR Processor which resembles a typical outdoor power supply containment that blends in with most street furniture.

The simple but rugged casing contains a powerful fanless ANPR processing unit with inputs for both Fox Analogue ANPR cameras and the CitySync GigE High Definition Fox-HD ANPR camera.

The FIAB houses a stable power supply which also powers the ANPR cameras.

The unit contains GPS equipment with optional 3G and WiFi communication modules.

The FIAB runs the powerful Jet Automatic Number Plate Recognition software and the unit is capable of reading plates from passing vehicles travelling at high speeds over lane widths of up to 6m making it suitable for monitoring traffic in wide bus lanes or vehicles passing across wide road junctions.

By housing the ANPR processor on the same pole that the ANPR cameras are mounted, the cost of installing a traffic ANPR system is greatly reduced and this configuration removes the need for long video or GigE cable runs back to roadside cabinets with all their associated expense and installation challenges. ANPR cameras therefore no longer need be directly connected to a central processing location using expensive fibre connections. Instead,

camera images can be processed at source and the ANPR data (text and images or video) can be transmitted to base as required using much less bandwidth than traditional video methods.

The FIAB contains a rugged SSD (Solid State Hard Drive) allowing the processor to be mounted both horizontally or vertically without the risk of a disk failure. It can store data for substantial periods of time before being uploaded. This feature is essential in situations where communication technology such as 3G has network failures or network overloads.

## Deployment

- Motorway Gantries
- Urban traffic monitoring
- Town Centre deployment
- Bus Lane Enforcement
- Road Junction monitoring
- Covert Surveillance

## Features & Benefits

- ANPR processing at source increases accuracy and reduces bandwidth on networks
- Pole mounted processing removes the need for expensive roadside cabinets
- Discrete housing reduces risk of vandalism
- Single FIAB unit can accept both **Analogue and High Definition ANPR** camera inputs
- Solid State technology improves durability
- Fast Intel Processor for accurate ANPR reads
- GPS and multiple communication options

## Technical Specification

### Processor

Intel® Core™ 2 Duo Processor P8400 (3M Cache, 2.26 GHz, 1066 MHz FSB)

### Memory

4GB DDR3 800/1066 MHz SDRAM

### I/O

2 x GigE LAN ports 4 x USB2.0 ports  
1 x DB15 VGA port

### Connectivity

GigE LAN with optional 3G and WiFi

### On Board Storage

32GByte SSD Drive

### Power Requirements

Mains 24v ac

### Typical Power Consumption

Dependent on options

### Conformity

CE, FCC Class B

### Storage Temperature

-20° to +80° C

### Operating Temperature

-5° to +55° C

### Relative Humidity

10% to 93% (Non-Condensing)

### Dimensions

300 x 200 x 150mm (H x W x D)

### Brackets

Various Mounts Available



Specifications subject to change without notice