



CITYCAM ONE

- ✓ Extended AI
- ✓ Vehicle classification
- ✓ Dual Sensor
- ✓ all-in-one

Low Emission Zone • Traffic Management • Container code scanning • City Closure

Hardware

• Sensors (IR and Visible light) [MP]	2 [2]
• Pixel dimensions	1920 * 1080
• ANPR processor	Dedicated AI processor platform
• Images per second [fps]	30 max.
• Lens options [mm]	12, 16 and 25 (35)
• Reading distance	up to 34 meters
• Lighting [nm]	850
• Replaceable LED panel	Yes
• Internal storage MicroSD	64 - 256 GB
• USB 3.0	Yes
• GNSS Positioning (GPS, GLONASS, BEIDOU, Galileo)	<i>Optional</i>

Monitoring

• Internal temperature & Humidity	Yes
• SNMP Monitoring protocol	Yes

Software

• Embedded Artificial Intelligence ANPR	Europe OCR-module (Global modules available)
• Extra Artificial Intelligence networks	<i>Optional, ask for various recognition modules</i>
• Encryption	AES256
• Image enhancement (brightness, contrast, white balance)	Yes, automatically
• Streaming MJPEG and H264/H265	Yes
• Image compression	JPEG, compression factor is adjustable
• Time synchronization	NTP (via network and/or GNSS)
• Data-protocol	JSON, UTM, XML

Connection

• Wireless modem (3G / 4G CAT12 / 4G LTE)	<i>optional</i>
• Wi-Fi, IEEE 802.11a/b/g/n/ac, 2.4 / 5 GHz	<i>optional</i>
• Ethernet RJ45 (10/100/1000 Mbps)	Yes
• Bluetooth, v4.1, max. 3MB/s	<i>optional</i>
• Ethernet connector and Power connector	Yes (<i>optional, one Hybrid connector</i>)

Power

• Power supply	12-24 VDC
• Power	20 W
• Internally fused	Yes
• Power connection protection	Yes
• Lightning protection*	Yes (* in the area)

Operating System

• Ubuntu	Yes
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Housing

• Size W * H * L [mm]	144 * 135 * 470 (including sun visor)
• Weight [kg]	4

Certification

• CE	Yes
• IP 66	Yes