IMAGE CAPTURE
ITSCAM VIGIA
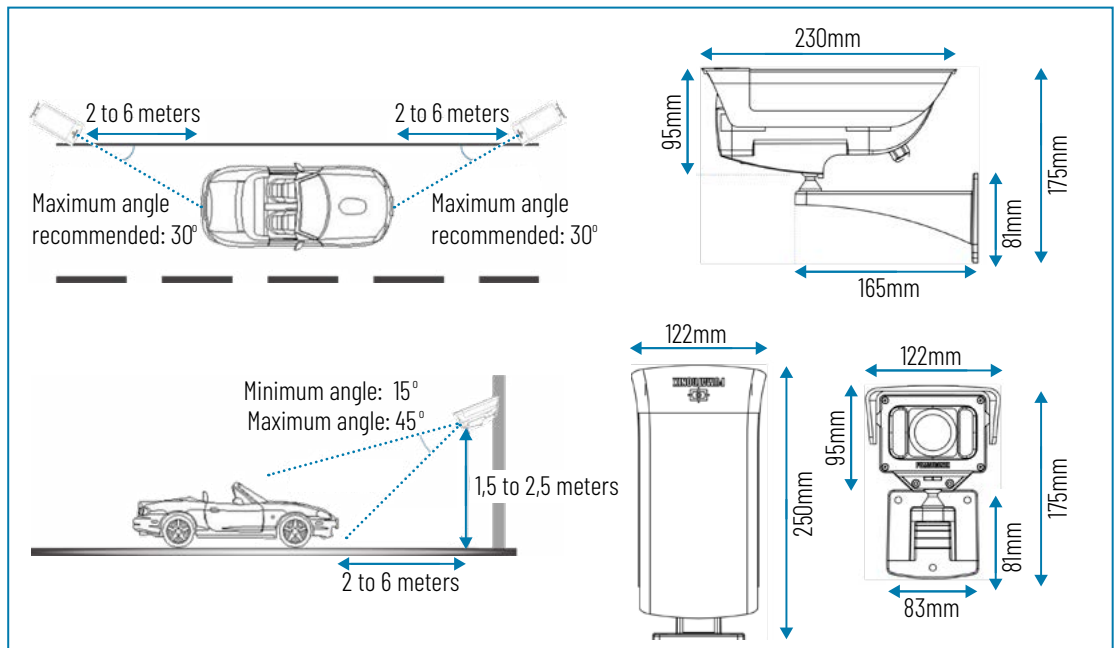
ITSCAM VIGIA, ALL-IN-ONE CAMERA

ITSCAM VIGIA is a high-efficiency smart camera for image capture and processing, used in vehicle identification from short distances and for recording panoramic images, ready for outdoor use.

Designed to record vehicles efficiently, it allows for the use of a physical or virtual trigger and image processing for automatic license plate recognition (OCR/LPR).
It is a compact device with built-in flash and motorized lens that is easy to install, configure and maintain.

USES

- Toll booths
- Toll enforcement systems
- Urban mobility
- Truck scales
- Ports and airports
- Accesses and parking lots

MAIN FEATURES

- Motorized lens
- Built-in flash
- IP67 protection rating
- Embedded OCR processing
- Ball joint for position adjustment
- Wiegand Protocol
- Open communication protocol
- PUMATRONIX HDR technology

MADE IN BRAZIL

PUMATRONIX

TECHNICAL SPECIFICATIONS

Image capture	
IR Illumination	B: Bright I: Infrared M: Mixed D: Dark
Lens	L1: 3-10mm, ideal for vehicle identification from 2 to 4 meters away or for capturing panoramic images L2: 9-22mm, ideal for vehicle identification from 4 to 8 meters away
Resolution	1.3MP – 1280x960
Weight	~ 955g
Material	Polycarbonate with IP67 protection
Operating temperature	-10 °C to 50 °C (standard version) -10 °C to 75 °C (extended version)
Consumption	10W
Power supply	24 to 32VDC power supply and 1A or Power Over Ethernet (PoE) Standard 802.3af
Options	J: Jidosha Light P: Power Supply PoE R: RTC (real-time clock)
Internal acquisition rate	29 fps

Data management	
Average daytime image size*	[A] 60KB
Average nighttime image size*	[B] 45KB

Estimated server storage calculation	
Number of cameras	[C] 1
Daytime VDM (Daily Vehicle Average)	[D] 1200
Nighttime VDM (Daily Vehicle Average)	[E] 800
Number of days for storage	[F] 30
Necessary disk space	C x [(D x A) + (E x B)] x F 1 [camera] x [(1200 x 60) + (800 x 45)] x 30 **3.240.000 KB, 3.165 MB or 3.1 GB**

We consider the average size. It varies according to the information existing in the image, such as colors, lines, etc