

# Overview CAM HD-DM

High resolution DOME digital camera for video-surveillance and RiTa license plate recognition systems



## Description

Modern and robust **3MPixel** Dome camera with **IR Illuminator** and **motorized lens** particularly suitable both for video-surveillance and **license plate recognition overview** systems (ANPR).

Small in size and easy to install, the resolution of **3 Megapixel** allows you to capture every detail of the image under all conditions.

Equipped with **3-10mm motorized lens** and an illuminator up to **25m**, easily adjustable for a rapid installation, adapts to any condition.

Advanced WDR (Wide Dynamic Range), Multi Shutters (100dB) and 3D Noise Reduction functions guarantee the highest performance in all light conditions.

The **IP67** hard coated cover of the camera and the anti corrosion powder coating, allows its installation both indoors and outdoors.

Moreover the integrated heater ensures operation even at extreme temperatures from **-40° C** up to **60° C**.

This series is also available for **license plate recognition** (ANPR), with optimized performance for LPR application and the same mechanics for maximum aesthetic yield of the system.

## ELIMOS Srl

### HEADQUARTER

c/o AREA Science Park  
Padriciano 99  
34149 Trieste – Italy  
Tel./Fax: +39 040 3755356  
E-mail: info@elimos.it

### SALES OFFICE

Tel./Fax: +39 0523 498236  
E-mail: vendite@elimos.it



[www.elimos.it](http://www.elimos.it)

## Caratteristiche tecniche

CAMERA	OvCAM HD-DM
Sensor Size (HxV pixel)	2304 x 1536
Sensor	Color optimized for low-light performance
Optical Size	1/3"
Max Frame Rate	3MP (2048x1536) @ 30fps – HD 1080P (1920x1080) @ 60fps
Video output format	H264, MJPEG stream
Exposure Control	Shutter adjustable via SW 1/7 ... 1/20.000 s
Communication interface	RJ45, 10/100/1000 Mbit/sec Ethernet
Communication protocol	TCP/IP, HTTP, UDP, RTP, RTSP, FTP, NTP, SMTP, DNS, DHCP, uPnP, ONVIF, IPv4/v6
Day/Night Function	Auto / Day & Night / By Schedule
Image Enhancement	true WDR (multiple shutters) 100db, AES, AWB, AGC, 3DNR
Vehicle speed	0 – 50 km/h

## LENS

Lens type	Varifocal 3 – 10 mm F 1.4 motorized – 95.6°~28.8° (H)/68.8°~21.6° (V)
Effective range of ANPR	up to 5 – 10 m

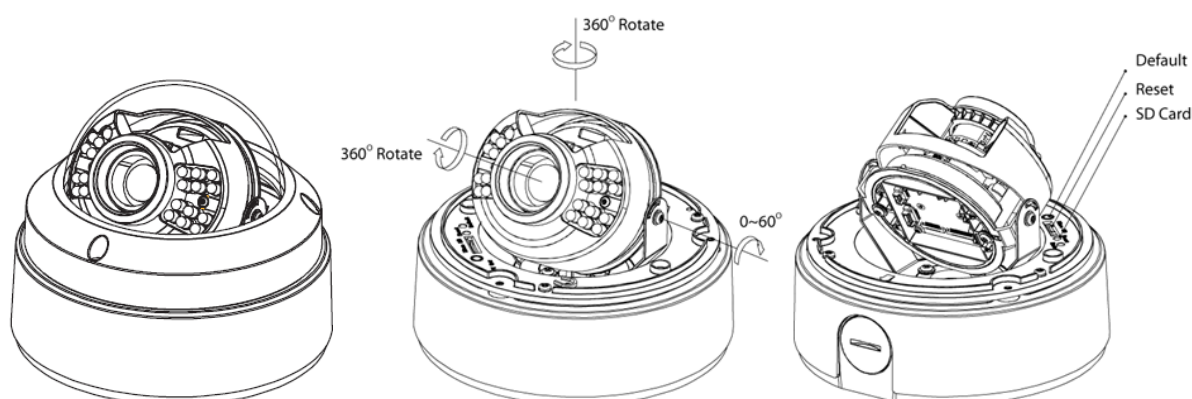
## IR ILLUMINATOR

Type	Auto/On/Off, Smart IR+, 24 LED up to 25m
Wavelength	850 nm

## MECHANICS/ELECTRONICS

Power requirement	12V DC / 24 VAC / PoE+ (IEEE 802.3at)
Power consumption	Max 12W
Dimension (L x W x H)	Φ 145.6mm x 125.7mm (H)
Conformity e IP rating	CE, FCC – IP67
Vandal Resistant	IK10
Operating temperature	-40°C ~ +60°C ;
I/O	1 Input / 1 Output
Weight	1725 g
Power Supply	Optional
Connection Box (ConJbox)	Optional
Cabling	Hidden and protected

## Dimension



## OPTIONS (to be ordered separately)

- Power supply for DIN trail **220VAC 24VAC**
- Connection box **ConJBOX** complete with internal electronics, undrilled (the holes and the relative cable tray depend on installation)
- **ConJBOX Cable tray** for the RJ connector **directly mounted on the camera**

For further information about the products and the applications please visit [www.elimos.it](http://www.elimos.it)

