



VALEO MOBILITY KIT

# 1MP FISHEYE ETH CAMERA



Valeo cam 1MP fisheye eth for NMPs is a perception solution developed to allow customers to use Valeo cameras with customer's favourite development platform.

Valeo's cam 1MP fisheye eth is based on mass production camera with proven robustness and quality results. This solution stands out from competition thanks to its high dynamic range and ease of use.

This kit contains all the necessary guidance to easily integrate the camera(s) in most customer platforms.

## SPECIFICATIONS

CAMERA 1 CHARACTERISTICS	
Wavelength range	400nm - 650nm
Field of view (Horizontal)	194 °
Field of view (Vertical)	132 °
Lens f#	2
Frame rate	30 Hz (33 ms)
Resolution	1280 x 800
Color sensor	Yes
Image resolution	1 Mpix
Dynamic	8 bits
Dynamic Range	120 dB
SNR	Max S/N ratio= 39 dB
Optical format	1/2.7"
Pixel size	4.2 µm square pixels
Distortion	High


INTERFACE	
Output protocol	BroadR-Reach (Ethernet automobile), AVB (raw)
Compression rate	NAN

POWER	
Power Supply	9-16 V
Power Consumption	< 2.5 W

ENVIRONMENTAL CHARACTERISTICS	
Temperature Range	-40°C to +85°C
IP	IP67 & IP69K
Vibration tolerance	IEC 600068-2-64
Schock tolerance	IEC 600068-2-64

PHYSICAL CHARACTERISTICS	
Dimensions W x D x H	25 x 25 x 50 mm
Weight	~20 g

## ONLINE PUBLIC DATASET



[Access HERE](#)

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