

Visulex K15 HD IP Camera

APPLICATION:

This variant of Visulex is characterized by its compact design and high resolution. These standard cameras feature a fixed lens directed at the observed object. They are suitable for process observation within closed enclosures, boilers, tanks, silos, agitators, and reactors, specifically in non-explosion-proof environments. The stainless steel housing incorporates a color CCD camera with a 1/2.8" sensor, exhibiting a light sensitivity of 0.08 lux at F2.2; 40 IRE. It is compatible with round sight glasses in accordance with DIN 28120/28121 or equivalent standards.

TYPE OF PROTECTION

IP65 according to DIN EN 60529

Room Temperature

+5°C to +40°C

CONTROL CABLE

Cat. 7 Flex network cable, maximum length 60 m, 4x2xAWG 26

ELECTRICAL CONNECTION:

The electrical connection is established using the provided Cat 7 network cable. The maximum cable length is 60 m.

OBJECTIVES AND DURATION:

8 mm (39°); 6 mm (60°) Minimum distance from lens to object: 0.3 m

SPECIFICATION:

Image resolution maximum 1920 x 1080 p/30

LIGHTING:

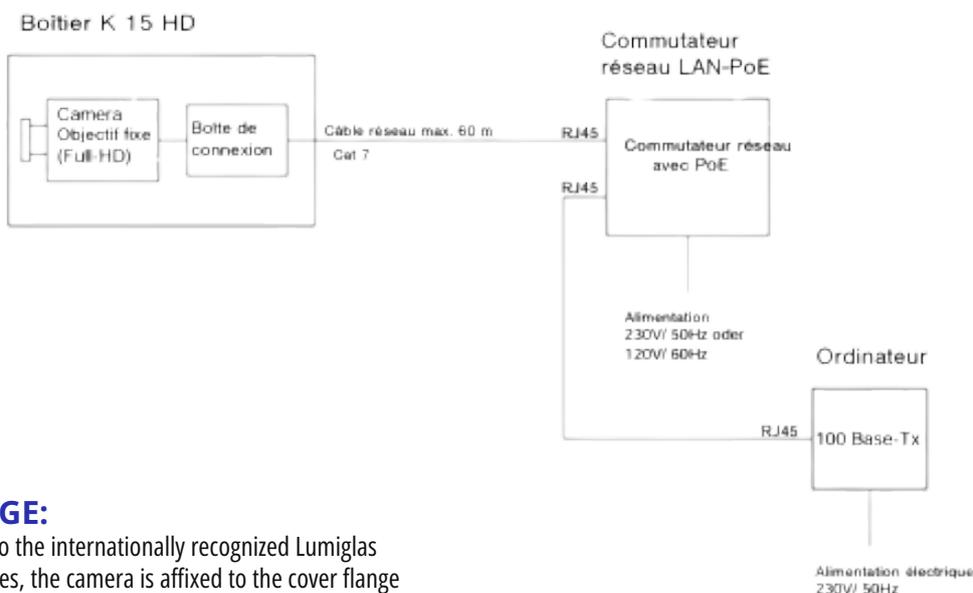
If the natural lighting of the object is inadequate, an additional Lumistar luminaire may be installed, contingent upon the connection size. The process and reactor dimensions may necessitate a distinct configuration of the light port and the camera port. This should be evaluated based on the tank surface, medium, and angle of incidence. Ensuring uniform illumination is crucial.



	Visulex K15 HD Camera
AGAINST	0,3 m
Imaging sensor	1/2,8" 2,0 MP
Maximum resolution.	1920 x 1080p
Photophobia	~ 0.08 Lux at F2.2; 40 IRE
Maximum image transmission rate	30 fps
Video compression	H.264, H.265, (+), MJPEG
Length	8 mm (39°); 5.4 mm (60°)
Network protocols	TCP/IP, UDP, IPv4, IPv6, HTTP, HTTPS, FTP, RTP, UPnP, RTSP, RTCP, DHCP, OpenVPN
Food	PoE IEEE 802.3af
ONVIF	ONVIF Profile S
Web browser	MS Internet Explorer, Safari, Mozilla, Google Chrome, Edge

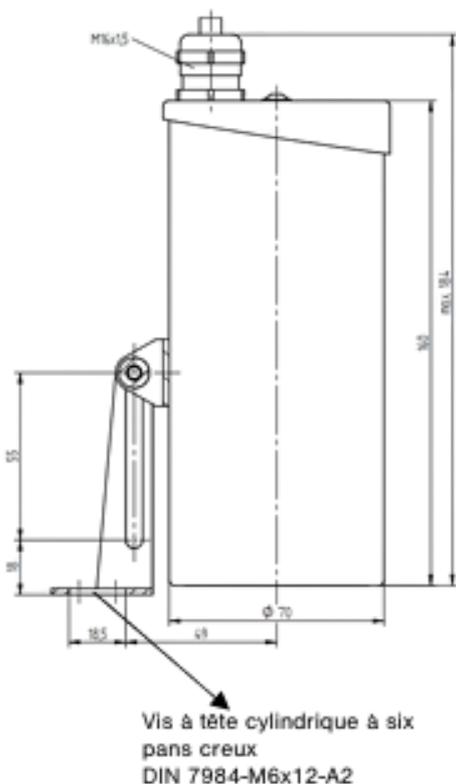
Power source	Rated Power	Maximum cable length	Goals	Addition
PoE IEEE 802.3af	5W	60M	8 mm (39°); 6 mm (60°)	
PoE IEEE 802.3af	5W	60M	8 mm (39°); 6 mm (60°)	With refrigeration

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MONTAGE:

- Similar to the internationally recognized Lumiglas luminaires, the camera is affixed to the cover flange of a round porthole fitting (DIN 28120 or equivalent) utilizing the provided stainless steel bracket (articulated bracket 1.4301).



Camera chassis	Stainless steel
glass	Borosilicate
Fastening components	Stainless steel

39° lens	4502.300002
60° lens	4502.300003
Power over Ethernet switch	4355.300001
PoE Power Supply Unit	4330.002.00
Software	6130.300001

ORDER DATA (EXAMPLE):

- Part number 2345.300003 Visulex K 15 HD camera; 60° lens; 60m network cable.

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