

Compact Camera for hazardous areas AG-CAMEx series

Compact Camera designed for harsh environments and minimal space requirements. IP69K protection allows easy cleaning of extremely soiled cameras by using a high-pressure cleaner. The temperature range of -40°C up to +75°C allows worldwide operation without additional enclosures. The light-weight (0.44 kg/10.97 lbs without cable) and the diameter of only 55 mm allow easy mounting installation.

Explosion Protection:



Zone 1, 2, 21, 22
Ex II 2 G Ex mb IIC T61T51T4 Gb
Ex II 2 D Ex mb IIC T8511001125°C Db

Hardware Features

- The extremely small, lightweight, unobtrusive, robust and compact design allows it to be placed in the tightest corner.
- 7 lenses and therefore 7 different viewing angles ensure a constant monitoring and overview of the plant.
- The low power consumption allows autonomous operation in conjunction with solar power or battery power.
- Quick, easy and cost-saving mounting / installation.
- Zone 1, 2, 21, 22 (Gas / Dust)

Temperature Range:

Ambient temperature range
Operation
T4; -40°C < +75°C,
T5; -40°C < +50°C,
T6; -40°C < +35°C.

Cold start: -10°C

Hardware Types

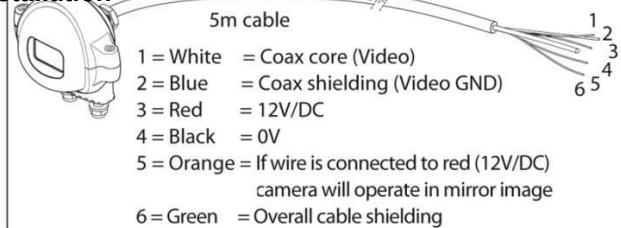
PAL Models:	NTSC Model:	Horizontal viewing Angle	Vertical viewing angle
AG-CAMEx-081P	AG-CAMEx-081N	81°	61°
AG - CAMEx -070P	AG-CAMEx-070N	70°	53°
AG - CAMEx -052P	AG-CAMEx-052N	52°	39°
AG - CAMEx -044P	AG-CAMEx-044N	44°	33°
AG - CAMEx -033P	AG-CAMEx-033N	33°	25°
AG - CAMEx -023P	AG-CAMEx-023N	23°	11°
AG - CAMEx -012P	AG-CAMEx-012N	12°	9°

IP Protection:

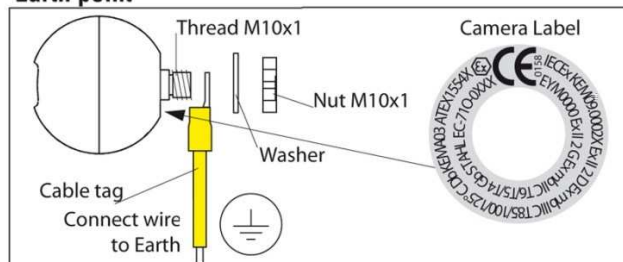
IP 68 according IEC 60529
IP 69K according EN 40050-9

How to connect the camera

Installation



Earth point



Photos non contractuelles

Les spécifications sont données à titre indicatif ; elles sont susceptibles d'être modifiées sans préavis.

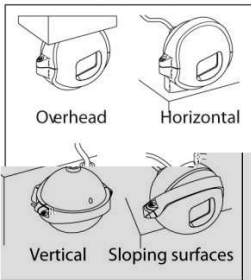
Toutes les marques citées sont déposées par leurs propriétaires respectifs.

ACEL GENESYS S.A.S. - Z.A. - 1, route de Galluis - 78940 La Queue Lez Yvelines

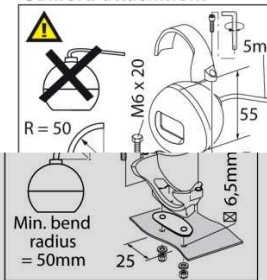
Tél : 01.34.86.45.56 - Fax : 01.34.86.42.83 - <http://www.acelgenesys.fr>

Technical Data	
CCD sensor	1/4" CCD Image sensor
CCD total pixels	PAL: 795(H) x 596(V), NTSC: 811(H) x 508(V).
Minimum illumination	1.5 Lux (F1.2, 5600°K).
Resolution	470 TVL
S/N ratio	52dB (MIN) / 60dB (TYP) (AGC OFF).
Video output	1.0V p-p composite video at 75 Ohm.
Gamma correction	0.45
Gain control	AGC
White balance	ATW/AWC/Fix (zero color rolling).
White balance range	AWB, ATW(3200-10.000°K)/fix(3200°K).
Mirror function	REV./ NOR. Switchable via orange wire connected to 12V/DC.
Shock constancy	Shock and vibration resistant for usage on offshore platform.
Weight	0.44 kg, without cable, 0.695 kg with 5 m cable
Lensglass	Chemically hardened, toughened, tempered float glas

Universal camera bracket



Camera attachment



Aiming the camera

