

Xcam HD

High Definition ATEX CCTV camera

PIXAVI

EX Certified high definition video camera

The Xcam HD is a high definition ATEX approved, flame proof surveillance camera with advanced imaging processing features, resulting in excellent image quality that by far surpasses today's standard definition PAL/NTSC cameras. The Xcam HD features 720p and 1080i video support. The camera can be used in ATEX zone 1 and zone 2 hazardous areas and provides a future proof technology base for new CCTV and surveillance installations in chemical plants, oil platforms, refineries etc.



II 2G EEx d IIc T6

IP68 watertight

Impact proof

Tempered glass



Technical specifications

Image sensor type	:: 1/3-size CMOS
Resolutions	:: HD 1080 50i and 720 50p
Number of total pixels	:: 2 mega pixels
Lens	:: 10 times optical zoom, f=5.1 mm to 51.0 mm , F1.8 ~ F2.1
Digital zoom	:: 12x (120x total)
Horizontal Angle of view	:: 50° at wide and 5.4° at tele
Minimum working distance	:: 10 mm macro to 800 mm at full zoom
Minimum illumination	:: 12 lx (typical) (F1.8, 50 IRE)
Signal to noise ratio	:: Better than 50 dB
Electronic shutter	:: 1/2 to 1/10,000 s, 21 steps
White balance	:: Auto, Indoor, Outdoor, One-push, Manual
Gain	:: Auto/Manual (-3 to 18 dB, 8 steps)
AE control	:: Auto, Manual, Shutter Priority, Iris Priority, Bright, Spot AE
EV compensation	:: -10.5 to 10.5 dB (15 steps, 1.5 dB increments)
Focusing system	:: Auto focus, with manual focus setting option
Camera operation switch	:: Zoom tele, Zoom wide
Video output	:: HD Analog component (Y/Pb/Pr) composite (VBS) , s-video (Y/C)
Camera control interface	:: RS-232
Non operating temperature	:: -20 to 60 °C (-4 to 140 °F)
Operating temperature	:: 0 °C to 45 °C (32 to 81 °F)
Power/Voltage specification	:: 6 to 12 V DC/3.8 W
Mass	:: Approx. 300 g (12 oz)
Dimensions (w x h x d)	:: Ø60 mm x 80 mm
Recommended cable	:: Xcable F

Order code: Xcam-HD-XX-YY XX= cable length / YY= cable type

WWW.PIXAVI.COM