

# ZCAM5-30

## HAZARDOUS AREA DOME CAMERA

DS-053 Issue 01

ZIZCAM Ltd are a UK based manufacturer of CCTV Cameras for use in the Hazardous Oil, Gas and Petrochemical industries.

Consequently our products are very robust and designed to comply with international standards.

Please do not hesitate to contact us for further information on our products we look forward to working with you on a project soon...

### ZIZCAM FOR HAZARDOUS AREAS

*Highly reliable positioning system*

*High definition 1920 x 1080p IP*

*30x auto focus zoom lens*

*IP67*

*Excellent low light performance*

*ONVIF conformant*

*0.1 to 380° per second pan speed*

*Optional Ethernet fibre optic interface*

*AISI 316L Stainless Steel*



ZIZCAM moves forward the Oil & Gas Petrochemical CCTV market with a new and exciting product.

The ZCAM5-30 CCTV pan tilt zoom dome cameras developed for use in hazardous areas in all offshore, onshore and marine environments. These cameras are constructed entirely from AISI 316L grade stainless steel for low maintenance and protection from corrosion, compact and lightweight and designed for easy installation and maintenance.

Certified for use in ATEX/IECEx hazardous gas and dust environments, the ZCAM5-30 dome camera provides for all requirements of safety and surveillance monitoring in hazardous areas.

#### ZIZCAM LIMITED

email: [sales@zizcam.com](mailto:sales@zizcam.com) web: [www.zizcam.com](http://www.zizcam.com) Tel: +44 (0) 115 920 2888

mail: 96 Rolleston Drive, Arnold, Nottingham, NG5 7JP United Kingdom.

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# Technical Specifications

## General Specifications

ATEX Hazardous Area Rating:	II 2 G Ex d IIC Gb, II 2 D Ex tb IIIC Db
Construction:	Stainless Steel AISI 316L,
Supply Voltage:	18-28 VAC/VDC, (Optional factory fitted 110/220VAC PSU/transformer
Power Consumption:	40 Watts max
Cable Entries:	2x M20 gland entry
Weight:	14Kg Stainless steel
Dimensions:	204 diameter, 375mm height
Mounting:	Various wall/ceiling mounts attached to enclosure to suit site requirements
Operating Temperature Rating:	-20°C to +60°C, up 90% humidity
Ingress Protection:	IP67

## Camera

Pan Tilt travel:	Pan 360 degrees continuous rotation, Tilt 90 degrees
Speed:	0.05 degree to 360 degrees/sec max, both axes
Presets/patrols:	32 preset positions with 20 character programmable titles 16 patrols of up to 16 preset positions. 4 one minute mimic tours
Camera :	Full High Definition 1080p day/night camera module
Sensor:	2.1 megapixel 1/2.8" CMOS
Scanning system:	Progressive
Zoom Lens :	30x Optical, f=4.3mm to 129mm F1.6 to F5.0
Angle of view:	1080p mode: 65.1° to 2.34°
Min illumination :	Colour: 0.5 Lux @ F1.6 AGC on, ICR off BW: 0.01 Lux @ F1.6 AGC on, ICR on
Resolution:	50Hz: 25fps 1920 x 1080p 50Hz: 25fps 1280 x 720p
OSD:	Time, date and title display
ICR:	Yes
WDR:	Yes
DNR:	Yes 3D
Video compression:	H.264 dual stream
Encoder Output:	1080p and D1
Protocol	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, SNMP, FTP, QoS, HTTPS, IPv4/IPv6
ONVIF:	Profile S

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