



Product Brochure

## CENTURION HD





## Product Data Sheet

# CENTURION HD



**FULL 1080P HIGH  
DEFINITION VIDEO**

## High Speed High Definition Ruggedised Pan, Tilt and Zoom Camera



### UK Manufacture

Designed and Manufactured in the UK.

### Paint Colour Options

Any colour, any quantity.

### IP Multi Stream Codec

2 Codec streams up to 1080p (25fps/30fps) 2MP resolution.

### Optical Zoom

Massive 30x optical zoom with Auto Focus

### Protocols

ONVIF 'S' compliant or 360SDK, see our web site for the many compatible VMS systems.

### Sirius Illumination Intelligent Lighting control

Sirius illumination automatically adjusts the lighting intensity to ensure the highest quality images under variable lighting conditions.

### Sirius Illumination

Optional IR only or IR and White Light.

### IP67 Certification

IP67 certified for the harshest environments.

### 360 Enhanced Low Light cameras

360 Enhanced low light cameras with mono video images as low as 0.0008 lux (no illumination)

### Privacy Zones

24 privacy zones are available with simple joystick positioning and sizing.

### Marine Paint

10 year marine paint option.

### Warranty

3 year warranty



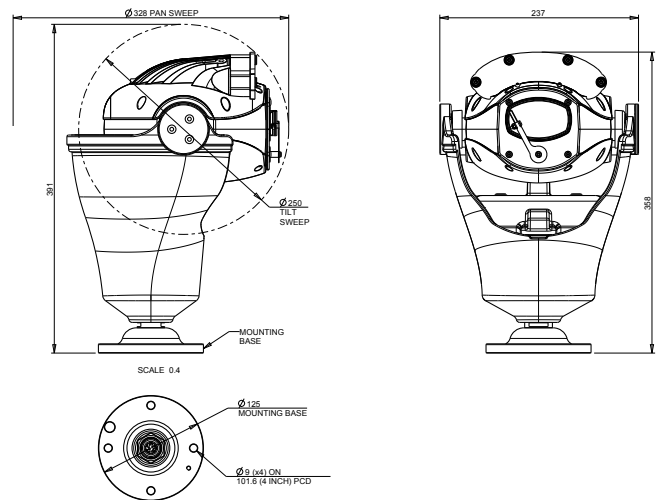
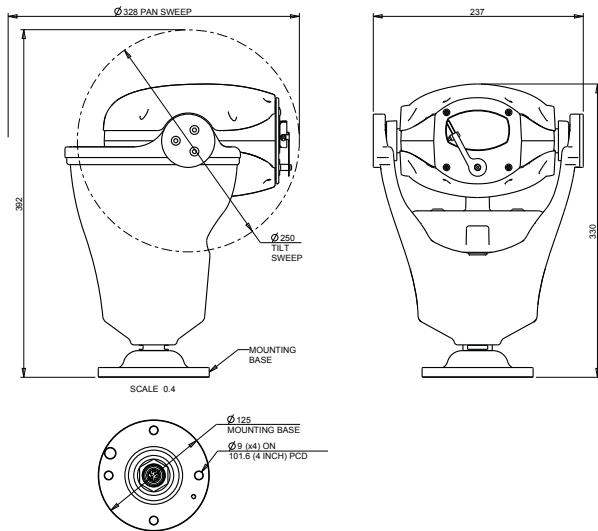
**Centurion Hybrid: Patent Pending Technology from 360 Vision**

Option giving Ultra High Resolution ANALOGUE and 1080p HD output/  
control, for system migration to full HD.

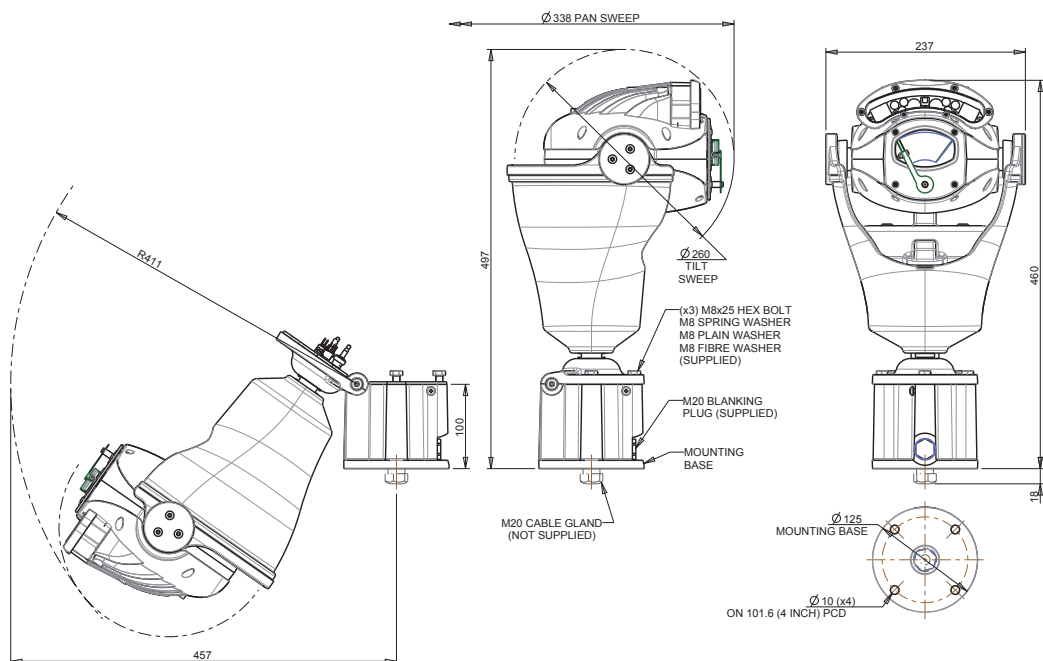
# Centurion HD

Centurion with no lamps  
Weight: 7kg

Centurion with lamp  
Weight: 7.5kg



Hinged Mount Adapter with lamp  
Weight: 9kg



PRODUCT SPECIFICATION	30x HD	20x HD	30x HD ENHANCED LOW LIGHT
Colour/Mono	Yes	Yes	Yes
Imager (CMOS)	1/2.8-type Exmor	1/2.8-type Exmor R	1/2.8-type Exmor R
Zoom - Optical + Digital	30x, 12x	20x, 12x	30x, 12x
Zoom - Total	360x	240x	360x
Pixels	Approx 2.38 Megapixels	Approx 2.14 Megapixels	Approx 2.13 Megapixels
Horizontal view angle	2.3°[T] - 63.7°[W]	3.3°[T] - 59.5°[W]	2.3°[T] - 63.7°[W]
Lens Size	4.3 - 129mm	4.7 - 94mm	4.3 - 129mm
Min Sensitivity - colour	0.1 Lux	0.1 Lux	0.0013 Lux
Min Sensitivity - mono Int	0.013 Lux	0.008 Lux	0.0008 Lux
Signal Noise Ratio	>50dB	>50dB	>50dB
Picture Flip	Yes	Yes	Yes
Picture Freeze	Yes	Yes	Yes
PRODUCT FEATURES	ALL Centurion units have the following functions		
Focus/Iris	Auto/Manual		
Presets	101		
Tours	4 (max 90 presets per tour)		
Learned Patrols	4 mimic tours - up to 10 minutes duration each		
Privacy Zones	Up to 24		
Variable pan speed/coverage	0.1 - 120°/sec, 360° continuous rotation, absolute positioning		
Variable tilt speed/coverage	0.1 - 120°/sec, 160°, absolute positioning		
Auto Homing	Goes to preset, tour or mimic tour after prescribed time		
Col/Mono Changeover	4 levels - 3 fixed, 1 custom/user defined		
Operating temperature	-30°C to +60°C		
Power	24vac/30vdc		
Mounting options	Wall, Corner, Pole and Soffit		
Certification	CE approval; Ingress IP67		
SIRIUS ILLUMINATION	IR or IR & WHITE LIGHT (Nominal)		
IR80	IR 80 metres		
IR110WL	IR 110 metres, WL 100 metres		
WEIGHTS			
Centurion (No lamps)	7kg		
Centurion (With lamps)	7.5kg		
CODEC	25fps	ASPECT	30fps
HD1080p	1920x1080	16:9	1920x1080
HD720p	1280x720	16:9	1280x720
D1	720x576	4:3	720x480
VGA	640x480	4:3	640x480
QVGA	432x240	16:9	432x240
Distribution	Multi Codec 2 streams		
Image Compression	H.264, MPEG4, MJPEG		
Protocols	ONVIF (S), TCP/IP, HTTP, RTP, RTSP, 360SDK		
Compression levels	CBR, VBR CVBR		
Standard Paint Options	RAL		
Black	9005		
White	9003		

All trademarks are used courtesy of registered owners. CENTURION HD is a registered trademark of 360 Vision Technology Ltd. The manufacturer reserves the right to change specifications without notice.



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