

3MP HD TRUE DAY/NIGHT IP PTZ DOME CAMERA

OE-C8103

OE-C8203



OpenEye OE-C8103 and OE-C8203 IP PTZs provide users with crystal clear video thanks to 3MP resolution and 20x optical zoom. Additionally, continuous 360° rotation and 190° tilt range make these cameras a versatile PTZ solution for live monitoring environments. Features like Digital WDR and a true day/night IR cut filter produce superior video in a variety of lighting conditions. The OE-C8103 is designed for efficient indoor installation, and the OE-C8203 is IP66 rated and comes equipped with a sunshield, heater, and blower to accommodate a variety of environmental conditions. Both models offer operation using only PoE+ power* for easy, single cable installation.

All OpenEye cameras are fully ONVIF compliant and compatible with the OpenEye Web Services platform, allowing multiple users to view high quality images and perform setup through a remote Web browser.

FEATURES

- 3MP (2048 x 1536) maximum resolution
- 30 IPS
- 4.7 ~ 94 mm focal length (20x)
- True Day / Night (IR cut filter)
- Digital Wide Dynamic Range
- Full PTZ operation over PoE+*
- Audio / Relay / Sensor Connections
- ONVIF Profile S compliant
- IP66 outdoor rating and heater (OE-C8203 only)
- Sunshield (OE-C8203 only)

*OE-C8203 requires 24v for heater operation



SPECIFICATIONS

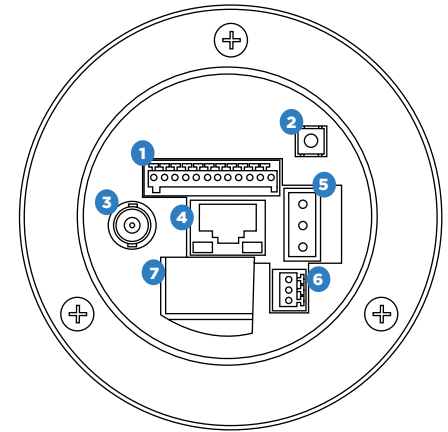
CAMERA		
Part Number	OE-C8103	OE-C8203
Maximum Resolution	3MP (2048x1536)	
Image Sensor	Sony IMX-104	
Video Compression	MJPEG / H.264 (MPEG-4 Part 10/AVC) Baseline / Main Profile / High Profile / SVC	
Frame Rate	25 / 30FPS @ 3MP H.264	
ONVIF	Profile S	
Streaming	Up to 4 simultaneous streams	
Browser Support	Internet Explorer (6.0+) / Chrome / Firefox / Safari	
Day / Night	True Day / Night	
Wide Dynamic Range	Digital WDR On / Off	
Lens	4.7 ~ 94 mm 20X Zoom Lens	
Horizontal Field of View	55.2° (Wide), 2.93° (Tele)	
Minimum Illumination @ 30IRE	0.05 lux (Color) 0.01 lux (B/W) @ F1.6	
Minimum Illumination @ 50IRE	0.1 lux (Color) 0.03 lux (B/W) @ F1.6	
White Balance	Auto / Manual / ATW / One Push	
Auto White Balance Range	2700K ~ 7800K	
Backlight Compensation	2500K ~ 10000K	
Auto Gain Control	Yes	

ENVIRONMENTAL		
IP Rating	N/A	IP66 Outdoor
Operational Temperature	32 ~ 104 °F (0 ~ 40 °C)	-40~ 122 °F (-40 ~ 50 °C)
Heater (Cold Start)	N/A	w/heater: -40 ~ 122 °F (-40 ~ 50 °C)
Heater Operational Threshold	N/A	19.4°F (-7°C) On, 37.4°F (3°C) Off

POWER		
Power Consumption	24W	59.5W (w/heater)
Input Voltage	24vAC ± 10% / PoE+ (30W)	
PoE Class	4	

PHYSICAL		
Analog Output	1.0 Vp-p / 75 Ω, BNC	
Audio In / Out	Stereo phone jack, Ø 3.5 mm	
Alarm In / Out	Input: 4 Sets / 5V 10k Ω pull up; Output: 2 Set/ Relay output, max. 2A DC 30V / 0.5A AC 125V	
MicroSD Card Slot	SDCX 64GB Support	
Camera Weight	3.57lbs (1.6kg)	5.11lbs (2.3kg) with sunshield
Dimensions	Ø 6.7in (171.7mm) H: 9in (228.7mm)	Ø 7.5in (191.9mm) H: 11.1in (282.1mm) with sunshield
Housing / Dome Cover	Metal Housing	
Tilt / Rotation	Tilt: 10° ~ 90° / Pan: 360° Endless	

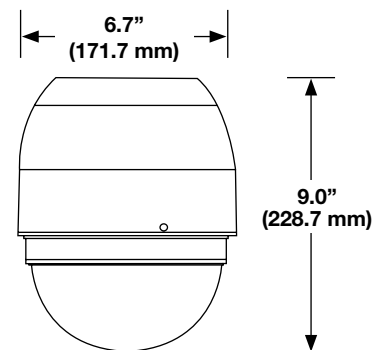
CONNECTIONS



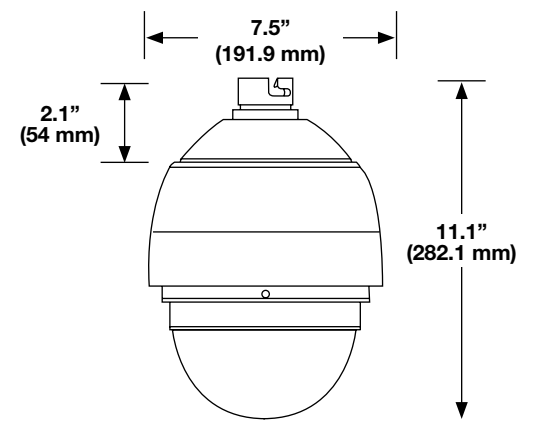
Alarm I/O	1	Alarm I/O connections
Reset Button	2	Reset the camera to the factory default
BNC	3	For analog video output
RJ-45	4	For network and PoE+ connections
Power (24vAC)	5	Power supply to camera for non-PoE networks
Audio I/O	6	Audio I/O connections
MicroSD Card Slot	7	Insert the microSD card into the card slot to store videos and snapshots

DRAWING

OE-C8103 INDOOR



OE-C8203 OUTDOOR



ACCESSORIES



OE-C8103



OE-C8203



OE-CA510W (7.25" Wall Mount)



OE-CA510WL (13.5" Wall Mount)

and



OE-CA510PA25
(1.25" Threaded Pipe Adapter)



OE-CA510PA50
(1.5" Threaded Pipe Adapter)

and



OE-CA510P25
(10" Ceiling Pole Mount)



OE-CA510P50
(20" Ceiling Pole Mount)

and



OE-CA510DT
(Tinted Dome Cover)



OE-CAMFK
(Ceiling Flush Mount for OE-C8103)



OE-CA501J
(PTZ 3-Axis Joystick)
*Requires Direct PTZ or recorder to control

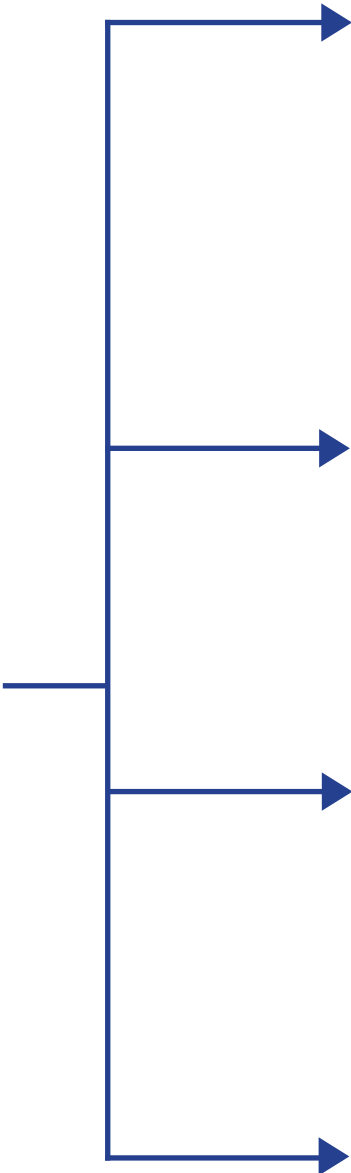
ACCESSORIES



OE-C8103



OE-C8203



OE-CALPS
(Short Arm Pole Mount Kit)



OE-CALPL
(Long Arm Pole Mount Kit)



OE-CALCS
(Short Arm Corner Mount Kit)



OE-CALCL
(Long Arm Corner Mount Kit)