

OE-C7094-AWR 4MP AUTOFOCUS IP BULLET CAMERA OE-C7098-AWR 4K AUTOFOCUS IP BULLET CAMERA

General Information:

Product Manager: Jacob Bird

Launch Date: OE-C7098-AWR: June 1st, 2018 / OE-C7094-AWR: June 15th, 2018

INTRODUCTION

OE-C7094-AWR and OE-C7098-AWR

The OE-C7094-AWR and the OE-C7098-AWR are high powered outdoor IP bullet cameras equipped with a 4MP or an 8MP 2.8~12mm motorized autofocus lens that provides crisp and clear images. These cameras include WDR and True Day/Night for improved low light performance, and adaptive IR technology to prevent overexposure of objects close to the camera. Network throughput and storage requirements are reduced thanks to H.264 smart encoding technology which dynamically compresses the camera's video to reduce its bitrate. These cameras are IP67 rated and function down to -31°F making them a perfect fit for extreme weather installations. In addition, these cameras can be fully powered over PoE, reducing labor costs by eliminating additional cabling requirements.

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



OE-C7094-AWR and OE-C7098-AWR

In Brief

- 4K (8MP) and 4MP models available
- 2.8~12mm 4X Optical Zoom Motorized Autofocus Lens
- IP67 rated for outdoor installation
- Adaptive IR prevents image wash out
- Smart compression
- Retains BNC out of previous model

The information contained in this document may be privileged, confidential and protected from disclosure. This information is subject to change without prior notice. OpenEye does its best to provide accurate information but cannot be held responsible for typos or mistakes.

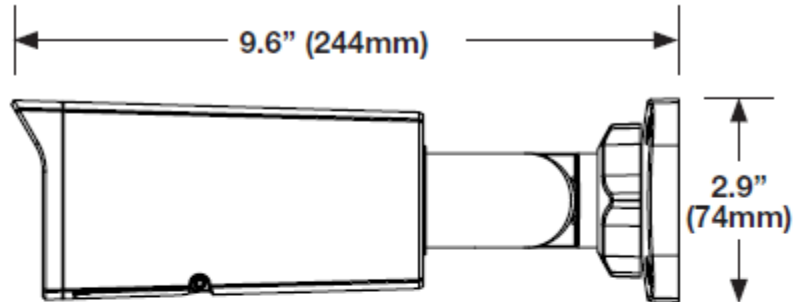
COMPARISON CHART

Below is the comparison of the OE-C7094-AWR, OE-C7098-AWR, OE-C7044-WR, OE-C7224-AWR, and the OE-C9518. The OE-C7044-WR, OE-C7094-AWR, and OE-C7098-AWR are current generation cameras; the OE-C7224-AWR and OE-C9518 are the previous generation bullet and box cameras that are going EOL. The OE-C7094-AWR and OE-C7098-AWR both have the benefit of an Autofocus lens, the OE-C7044-WR is a small form factor fixed lens bullet.

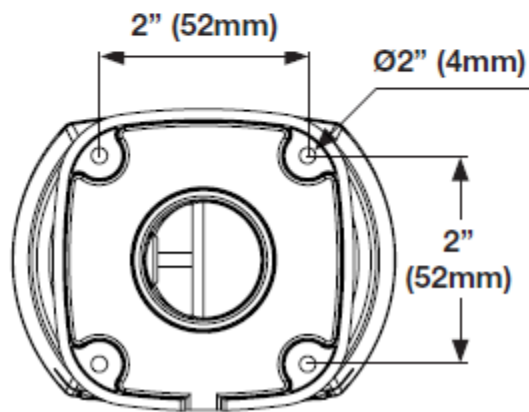
Model	OE-7094-AWR	OE-C7098-AWR	OE-C7044-WR	OE-C7224-AWR	OE-C9518
Resolution	4MP	8MP	4MP	4MP	8MP
Smart Compression	Yes	Yes	Yes	No	No
True WDR	Yes	Yes	Yes	Yes	No
Lens	2.8mm ~ 12mm, 4X Optical Zoom	2.8mm ~ 12mm, 4X Optical Zoom	3.6mm fixed	2.8mm ~ 10.5mm, 3X Optical Zoom	Sold Separately
Autofocus	Yes, Motorized	Yes, Motorized	No	Yes, Motorized	NA
IP Rating	IP67	IP67	IP67	IP66	Not Rated
IR Range	40M	40M	30M	40M	NA
Heater	Yes (Passive)	Yes (Passive)	Yes (Passive)	Yes (Mechanical)	No
Temperature Range	-31°F ~ 140°F	-31°F ~ 140°F	-31°F ~ 140°F	-40°F ~ 122°F	14°F ~ 122°F
Input Voltage	PoE / 12vDC	PoE / 12vDC	PoE / 12vDC	PoE / 12vDC / 24vAC	PoE / 12vDC
Power Consumption (Over PoE)	9W	9W	6.4W	12W	8.5W
BNC Out	Yes	Yes	No	Yes	Yes
Dimensions	9.6" x 3.8" x 2.9"	9.6" x 3.8" x 2.9"	6.2" x 2.5" x 2.5"	10.5" x 2.38" x 3.5"	5.9" x 3.1" x 2"

LINE DRAWINGS

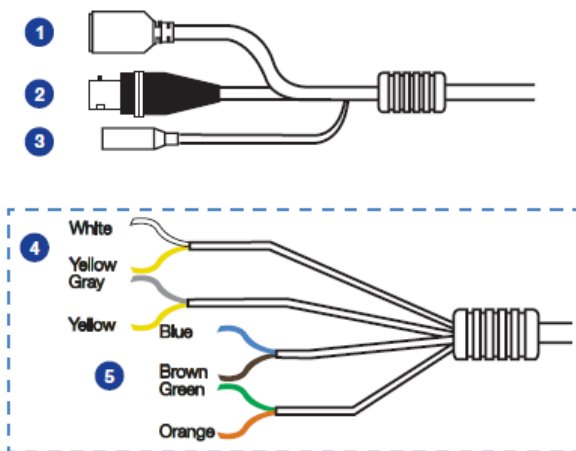
SIDE VIEW



BASE VIEW



CONNECTIONS



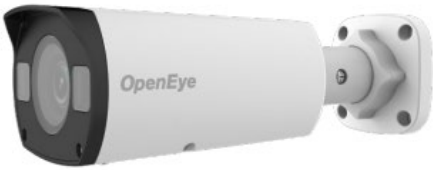
1	RJ-45	For Network and PoE Connections	
2	BNC	For Analog Video Input	
3	Power(12vDC)	Power Connection	
4	Audio I/O	White	Audio Input
		Yellow	Ground
		Gray	Do Not Use (Reserved)
5	Alarm I/O	Yellow	Ground
		Blue	Ground
		Brown	Alarm Input
		Green	Alarm Out -
		Orange	Alarm Out +

SPECIFICATIONS

CAMERA		
Part Number	OE-C7094-AWR	OE-C7098-AWR
Maximum Resolution	4MP	8MP
Lens	2.8~12mm Motorized autofocus lens	
Image Sensor	1/3" Progressive CMOS	
Video Compression	H.264, MJPEG	
Frame Rate	25 FPS @ 4MP	15 FPS @ 8MP
ONVIF	Profile S compliant	
Streaming	Dual streams	
Browser Support	Internet Explorer / Chrome / Firefox / Safari	
Day / Night	True Day/Night	
Wide Dynamic Range	True Wide Dynamic Range	
Field of View	27° (tele)~91° (wide)	31° (tele)~98° (wide)
Minimum Illumination @ 30IRE	Color: .02 lux IR: 0 lux	
White Balance	Auto / Manual	
Auto White Balance Range	2000k ~ 10000K	
Backlight Compensation	Variable	
Auto Gain Control	Yes	
ENIRONMENTAL		
IP Rating	IP67	
Operating Temperature	-31 ~ 140° F (-35 ~ 60° C)	
UL Listed Product	Yes	
POWER		
Power Consumption	Max 9W	
Input Voltage	PoE / 12vDC	
PHYSICAL		
IR Range	Up to 40M	
IR LED	Auto / LED on / LED off / Smart IR / Light Sensor	
Analog Video Out	1.0 Vp-p / 75 Ω, BNC	
Audio In	1 Channel	
Alarm In/Out	4 Line Connection	
microSD Card Slot	128GB	
Camera Weight	1.7lb (0.75kg)	
Dimensions	9.6" x 3.8" x 2.9" (244mm x 96mm x 74mm)	
Housing	Metal Housing	

The information contained in this document may be privileged, confidential and protected from disclosure. This information is subject to change without prior notice. OpenEye does its best to provide accurate information but cannot be held responsible for typos or mistakes.

ACCESSORIES



OE-C7094-AWR
OE-C7098-AWR



OE-CA70JB
(Electrical Junction Box)



OE-CA70PLM
(Pole Mount Adapter)

DOCUMENTATION

For the downloadable manual, specifications, quick start guide, and accessory tree please see the OE-C7098-AWR and OE-C7094-AWR product pages at the links below:

<https://www.openeye.net/products/cameras/oe-c7094-awr>

<https://www.openeye.net/products/cameras/oe-c7098-awr>