



CAMERA SOLUTIONS



IP CAMERA FEATURES & COMPARISON



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SPECIFICATIONS	OE-C7112	CM-722I	CM-722AI	CM-722VF
Resolution	2MP (1920 x 1080)	2MP (1920 x 1080)	2MP (1920 x 1080)	2MP (1920 x 1080)
Image Sensor	1/2.8" Sony CMOS	1/2.7" Sony CMOS	1/2.7" Sony CMOS	1/2.7" Sony CMOS
Video Compression	H.264 / MJPEG	H.264 / MJPEG	H.264 / MJPEG	H.264 / MJPEG
Day / Night	Digital Day / Night	True Day / Night	True Day / Night	True Day / Night
Wide Dynamic Range	Digital WDR	Digital WDR	Digital WDR	Digital WDR
Lens	3.6mm	4mm	3 ~ 9mm Motorized	3 ~ 9mm
Iris	F1.8 Fixed	F1.5	F1.2	F1.2
Min. Illumination	0.1 Lux	0.1 Lux @ 50IRE	0.1 Lux @ 50IRE	0.1 Lux @ 50IRE
IP Rating	IP66 (Indoor / Outdoor)	IP66 (Indoor / Outdoor)	IP66 (Indoor / Outdoor)	IP66 (Indoor / Outdoor)
Operating Temp.	14°~122° F (-10°~50° C)	-40°~122° F (-40°~50° C)	-40°~122° F (-40°~50° C)	-40°~122° F (-40°~50° C)
Power Consumption	3.5W Max	20W	24W Max	24W Max
Rated Amperage	0.1A	0.84A (24vAC)	1A	1A
Input Voltage	PoE	24vAC / 12vDC / PoE+	24vAC / 12vDC / PoE+	24vAC / 12vDC / PoE+
IR LED / Range	-	23 IR LEDs / 50ft (15.24m)	23 IR LEDs / 50ft (15.24m)	23 IR LEDs / 50ft (15.24m)
Field of View	71.6°	78°	34.3° ~ 103.5°	34.3° ~ 103.5°
Tilt / Rotation	95° / 120°	-	-	-

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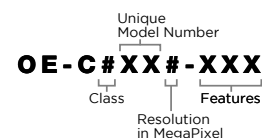


FEATURES	
R	IR LED array
W	Wide Dynamic Range
P	Repositionable
F/V	Fixed or Varifocal lens
A	Motorized/Autofocused lens

SPECIFICATIONS	CM-816	CM-L812	CM-M806
Resolution	2MP (1920 x 1080)	D1 (720 x 480)	2MP (1920 x 1080)
Image Sensor	1/2.8" Sony CMOS	1/4" Sony CCD	1/2.8" Sony CMOS
Video Compression	H.264 / MJPEG	H.264 / MJPEG	H.264 / MJPEG
Day / Night	True Day / Night	True Day / Night	True Day / Night
Wide Dynamic Range	Digital WDR	True WDR	Digital WDR
Lens	4.7 ~ 84.6mm	3.4 ~ 122.4mm	4.7 ~ 84.6mm
Iris	F1.6 ~ F2.8	F1.6 ~ F4.5	F1.6 ~ F2.8
Min. Illumination	0.03 Lux @ 50IRE	0.4 Lux @ 50IRE	0.03 Lux @ 50IRE
IP Rating	IP66 (Indoor / Outdoor)	IP66 (Indoor / Outdoor)	Indoor
Operating Temp.	-40° ~ 122° F (-40° ~ 50° C)	-40° ~ 122° F (-40° ~ 50° C)	32° ~ 122° F (0° ~ 50° C)
Power Consumption	65W Max	50W Max	20W Max
Rated Amperage	2.7A	2.1A	0.83A
Input Voltage	24vAC	24vAC	24vAC / PoE+
IR LED / Range	-	-	-
Field of View	-10° ~ 190° -	10° ~ 190° -	10° ~ 190°
Tilt / Rotation	-10° ~ 190° / 360° Endless	-10° ~ 190° / 360° Endless	-10° ~ 190° / 360° Endless

- H** HEATED
- AF** AUTOFOCUS
- IR** INFRARED
- W** WIDE DYNAMIC
- 66** IP RATED
- P** PRECISE IRIS CONTROL
- IC** IN-CEILING
- 2A** 2-AXIS GIMBAL
- 3A** 3-AXIS GIMBAL
- R** REPOSITIONABLE

PART NUMBER



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SPECIFICATIONS	OE-C7412-FR	OE-C7163	OE-C7163-A	OE-C7163-R
Resolution	2MP (1920 x 1080)	3MP (2048 x 1536)	3MP (2048 x 1536)	3MP (2048 x 1536)
Image Sensor	1/2.8" Sony CMOS	1/2.8" Sony CMOS	1/2.8" Sony CMOS	1/2.8" Sony CMOS
Video Compression	H.264 / MJPEG	H.264 / MJPEG	H.264 / MJPEG	H.264 / MJPEG
Day / Night	True Day / Night	True Day / Night	True Day / Night	True Day / Night
Wide Dynamic Range	Digital WDR	Digital WDR	Digital WDR	Digital WDR
Lens	2.8 mm	3 ~ 9 mm	3 ~9mm Autofocus w/P-Iris	3 ~ 9mm
Iris	F2.0	F1.2	F1.2 ~ F2.1	F1.2
Min. Illumination	0.1 Lux @ 50IRE	0.1 Lux @ 50IRE	0.1 Lux @ 50IRE	0.1 Lux @ 50IRE
IP Rating	IP66 (Indoor / Outdoor)	IP66 (Indoor / Outdoor)	IP66 (Indoor / Outdoor)	IP66 (Indoor / Outdoor)
Operating Temp.	14°~122° F (-10°~50° C)	-31°~122° F (-35°~50° C)	-31°~122° F (-35°~50° C)	-31°~122° F (-35°~50° C)
Power Consumption	5.8W Max	12W Max	15W Max	15W Max
Rated Amperage	PoE only	0.55A (24vAC)	0.55A (24vAC)	0.55A (24vAC)
Input Voltage	PoE Only (802.3af)	24vAC / 12vDC / PoE	24vAC / 12vDC / PoE	24vAC / 12vDC / PoE
IR LED / Range	24 IR LEDs / 50ft (15.24m)	-	-	24 IR LEDs / 50ft (15.24m)
Field of View	90.3°	96.68° ~ 22.56°	96.68° ~ 22.56°	96.68° ~ 22.56°
Tilt / Rotation	60° / 360°	80° / 360°	80° / 360°	80° / 360°

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SPECIFICATIONS	OE-C7163-AR	OE-C7312-AWR	OE-C6112-W	OE-C6112
Resolution	3MP (2048 x 1536)	2MP (1920 x 1080)	2MP (1920 x 1080)	2MP (1920 x 1080)
Image Sensor	1/2.8" Sony CMOS	1/2.8" Sony CMOS	1/2.8" Sony CMOS	1/2.8" Sony CMOS
Video Compression	H.264 / MJPEG	H.264 / MJPEG	H.264 / MJPEG	H.264 / MJPEG
Day / Night	True Day / Night	True Day / Night	Digital Day / Night	Digital Day / Night
Wide Dynamic Range	Digital WDR	True WDR	True WDR	Digital WDR
Lens	3 ~ 9mm Autofocus w/P-Iris	3 ~ 9mm Autofocus w/P-Iris	3.6mm	3.6mm
Iris	F1.2 ~ F2.1	F1.2 ~ F2.1	F1.8 Fixed	F1.8 Fixed
Min. Illumination	0.1 Lux @ 50IRE	0.1 Lux @ 50IRE	0.1 Lux @ 50IRE	0.1 Lux
IP Rating	IP66 (Indoor / Outdoor)	IP66 (Indoor / Outdoor)	Indoor	Indoor
Operating Temp.	-31°~122° F (-35°~50° C)	-40°~122° F (-40°~50° C)	14°~122° F (-10°~50° C)	14°~122° F (-10°~50° C)
Power Consumption	18W Max	19.4W Max	4.2W Max	3.5W Max
Rated Amperage	0.55A (24vAC)	0.91A (24vAC)	0.1A	0.1A
Input Voltage	24vAC / 12vDC / PoE	24vAC / 12vDC / PoE+	PoE	PoE
IR LED / Range	24 IR LEDs / 50ft (15.24m)	24 IR LEDs / 50ft (15.24m)	-	-
Field of View	96.68° ~ 22.56°	135.6° ~ 45.5°	78.6°	71.6°
Tilt / Rotation	80° / 360°	80° / 360°	95° / 120°	95° / 120°

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SPECIFICATIONS	CM-650	OE-C6012-RW	OE-C7012-RW	OE-C6022-APW
Resolution	5MP (2592 x 1944)	2MP (1920 x 1080)	2MP (1920 x 1080)	2MP (1920 x 1080)
Image Sensor	1/2.5" CMOS	1/2.8" Sony CMOS	1/2.8" Sony CMOS	1/2.8" Sony CMOS
Video Compression	H.264 / MJPEG	H.264 / MJPEG	H.264 / MJPEG	H.264 / MJPEG
Day / Night	True Day / Night	True Day / Night	True Day / Night	True Day / Night
Wide Dynamic Range	Digital WDR	True WDR	True WDR	True WDR
Lens	C/CS Mount	4mm	4mm	5 ~ 25mm
Iris	-	F2.0	F2.0	F3.5 ~ F3.7
Min. Illumination	0.1 Lux @ 50IRE	0.5 Lux @ 50IRE	0.8 Lux @ 50IRE	1.5 Lux @ 50IRE
IP Rating	Indoor	Indoor	IP66 (Indoor / Outdoor)	Indoor
Operating Temp.	14° ~ 122° F (-10° ~ 50° C)	14°~122° F (-10°~50° C)	14°~122° F (-10°~50° C)	14°~122° F (-10°~50° C)
Power Consumption	4W Max	5W Max	4.3W Max	9W Max
Rated Amperage	PoE: 0.08A 12vDC: 0.33A	0.41A	360mA	0.75A
Input Voltage	12vDC / PoE	12vDC / PoE	12vDC / PoE	12vDC / PoE
IR LED / Range	-	15 IR LEDs / 30ft (9.15m)	12 IR LEDs / 30ft (9.15m)	-
Field of View	-	86°	86°	10.52° ~ 49.2°
Tilt / Rotation	-	50° / 360°	50° / 360°	90° / 350°

IP CAMERA FEATURES & COMPARISON



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SPECIFICATIONS	OE-C6022-FPW	OE-C7022-APW	OE-C7022-FPW	OE-C6412-R
Resolution	2MP (1920 x 1080)	2MP (1920 x 1080)	2MP (1920 x 1080)	2MP (1920 x 1080)
Image Sensor	1/2.8" Sony CMOS	1/2.8" Sony CMOS	1/2.8" Sony CMOS	1/2.8" Sony CMOS
Video Compression	H.264 / MJPEG	H.264 / MJPEG	H.264 / MJPEG	H.264 / MJPEG
Day / Night	True Day / Night	True Day / Night	True Day / Night	True Day / Night
Wide Dynamic Range	True WDR	True WDR	True WDR	Digital WDR
Lens	4mm	5 ~ 25mm	4mm	3 ~ 6 mm
Iris	F2.0	F3.5~F3.7	F2.0	F1.8
Min. Illumination	0.8 Lux @ 50IRE	1.5 Lux @ 50IRE	0.8 Lux @ 50IRE	0.1 Lux @ 50IRE
IP Rating	Indoor	IP66 (Indoor / Outdoor)	IP66 (Indoor / Outdoor)	Indoor
Operating Temp.	14°~122° F (-10°~50° C)	14°~122° F (-10°~50° C)	14°~122° F (-10°~50° C)	14°~122° F (-10°~50° C)
Power Consumption	8.2W Max	9W Max	8.2W Max	4.2W Max
Rated Amperage	0.68A	0.75A	0.68A	PoE only
Input Voltage	12vDC / PoE	12vDC / PoE	12vDC / PoE	24vAC / 12vDC / PoE
IR LED / Range	-	-	-	24 IR LEDs / 50ft (15.24m)
Field of View	86°	10.52° ~ 49.2°	86°	93.2° ~ 55.6°
Tilt / Rotation	90° / 350°	90° / 350°	90° / 350°	60° / 360°

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SPECIFICATIONS	CM-N207R	CM-N217R	CM-P307R	CM-P317R	CM-512
Resolution	650 TVL	690 TVL	650 TVL	690 TVL	650 TVL
Image Sensor	1/3" Sony CCD	Pixim Seawolf	1/3" Sony CCD	Pixim Seawolf	1/4" Sony CCD
Day / Night	True Day / Night	True Day / Night	True Day / Night	True Day / Night	True Day / Night
Wide Dynamic Range	Digital WDR	True WDR	Digital WDR	True WDR	True WDR
Lens	2.8 ~ 12mm	2.8 ~ 12mm	2.8 ~ 12mm	2.8 ~ 12mm	3.4 ~ 122.4mm
Iris Control	Auto-Iris	Auto-Iris	Auto-Iris	Auto-Iris	Auto-Iris
Min. Illumination	0.05 Lux @ 50IRE	0.1 Lux @ 50IRE	0.05 Lux @ 50IRE	0.1 Lux @ 50IRE	0.4 Lux @ 50IRE
IP Rating	Indoor	Indoor	IP67 (Indoor / Outdoor)	IP67 (Indoor / Outdoor)	IP66 (Indoor / Outdoor)
Operating Temp.	14°~122°F (-10°~50°C)	14°~122°F (-10°~50°C)	-49°~122°F (-45°~50°C)	-49°~122°F (-45°~50°C)	-40°~122°F (-40°~50°C)
Power Consumption	5W Max	6W Max	7.4W Max	9.2W Max	50W Max
Rated Amperage	0.21A (24vAC) (IR LEDs engaged)	0.25A (24vAC) (IR LEDs engaged)	0.31A (24vAC)	0.33A (24vAC)	2.08A
Input Voltage	12vDC / 24vAC	12vDC / 24vAC	12vDC / 24vAC	12vDC / 24vAC	24vAC (±10%)
IR LED / Range	24 / 50 ft (15m)	24 / 50 ft (15m)	24 / 50 ft (15m)	24 / 50 ft (15m)	-
Field of View	28° ~ 102°	28° ~ 102°	28° ~ 102°	28° ~ 102°	2.31° ~ 72.3°
Tilt / Rotation	87° / 360°	87° / 360°	87° / 360°	87° / 360°	-10° ~ 190° / 360°

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SPECIFICATIONS	CM-206L9	CM-206	CM-N207	CM-306H	CM-P307
Resolution	700 TVL	700 TVL	650 TVL	700 TVL	650 TVL
Image Sensor	1/3" Sony CCD	1/3" Sony CCD	1/3" Sony CCD	1/3" Sony CCD	1/3" Sony CCD
Day / Night	Digital Day / Night	Digital Day / Night	True Day / Night	Digital Day / Night	True Day / Night
Wide Dynamic Range	Digital WDR	Digital WDR	Digital WDR	Digital WDR	Digital WDR
Lens	9 ~ 22mm	3.3 ~ 12mm	2.8 ~ 12mm	3.3 ~ 12mm	2.8 ~ 12mm
Iris Control	Auto-Iris	Auto-Iris	Auto-Iris	Auto-Iris	Auto-Iris
Min. Illumination	0.3 Lux @ 50IRE	0.3 Lux @ 50IRE	0.05 Lux @ 50IRE	0.3 Lux @ 50IRE	0.05 Lux @ 50IRE
IP Rating	IP55 (Indoor)	IP55 (Indoor)	Indoor	IP66 (Indoor / Outdoor)	IP67 (Indoor / Outdoor)
Operating Temp.	14°~122°F (-10°~50°C)	14°~122°F (-10°~50°C)	14°~122°F (-10°~50°C)	-40°~122°F (-40°~50°C)	-49°~122°F (-45°~50°C)
Power Consumption	2.5W Max	2.5W Max	3W Max	12W Max	5.8W Max
Rated Amperage	0.21A	0.21A	0.13A (24vAC)	0.5A (24vDC)	0.24A (24vAC)
Input Voltage	12vDC / 24vAC (±10%)	12vDC / 24vAC (±10%)	12vDC / 24vAC	12vDC / 24vAC (±10%)	12vDC / 24vAC -
Field of View	89.8° ~ 23.9°	89.8° ~ 23.9°	28° ~ 102°	23.9° ~ 89.8°	28° ~ 102°
Tilt / Rotation	87° / 360°	87° / 360°	87° / 360°	87° / 360°	87° / 360°



Corporate Commitment to Excellence

Galaxy Control Systems was established to bring innovative solutions to the security market. Since 1984, Galaxy has maintained an unwavering commitment to excellence in developing access control and security management solutions that seamlessly integrate with advancing technology from leading industry partners.

Dedication to product development is only part of the business philosophy at Galaxy Control Systems. All Galaxy products are manufactured in the United States to rigorous military standards for the utmost quality and reliability. The company also offers total support to its customers through an extensive national and international network of highly trained, factory-authorized dealers.



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