

AF1V3 Series

Aluminium Fixed Camera Housing



AF1V3



AF1V3-W



AF1V3-LED48



AF1V3-LED48-W

Main Features



Aluminum cast casing material



Options for Wiper Mechanism Available



IP 66



Vandal-proof IK10 ratings



Operating Temperature -20°C to 65°C



Possible to integrate with different type of 3rd party camera module



Options for thermal camera available



Options for LED illuminator available

Technical Data

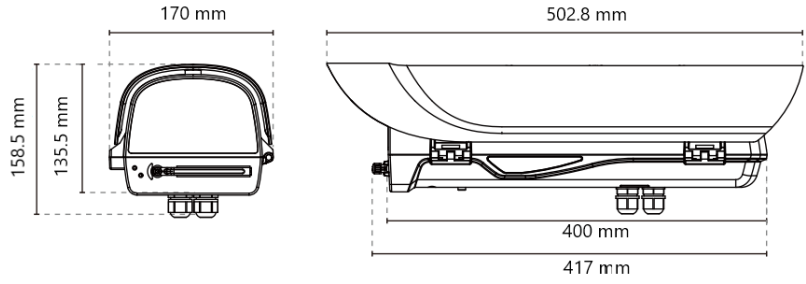
General	
Ingress Protection	IP66
Operating Temperature	-20°C to 65°C
Mechanical	
Body Material	Cast Aluminum
Sight Glass Material	Window with hardened mineral clear glass
Overall Dimension (WxHxD)	<i>Please refer to dimension drawings</i>
Internal Usable Size for Camera Module	105 x 77.4 x 255 mm
Cable Entry	4 x M16
Weight	2.9 KG
Electrical	
Operating Voltage	24VAC
Power Consumption	Window Heater: 10W Fan: 2W Camera: 6 ~ 8W Wiper: 6 W
Thermostatically Controlled Heater	T°C on: <20°C, T°C off: >30°C
Thermostatically Controlled Fan	T°C on: >35°C, T°C off: <25°C
Optional	
Wiper Mechanism	Available for AF1V3-W model
LED Illumination	Available for AF1V3-LED model
LED Illumination	
LED12	12W Snap-in 850nm IR LED illuminator Vari angle: 10° ~ 40° IR LED distance: 50 ~ 140 meter
LED48	48W Snap-in 850nm IR LED illuminator Vari angle: 10° ~ 30° IR LED distance: 150 ~ meter
Accessories	
Standard	Sunshield, Wall Bracket
Optional	Pole Mount Bracket, Corner Mount Bracket

IP Camera/Lens

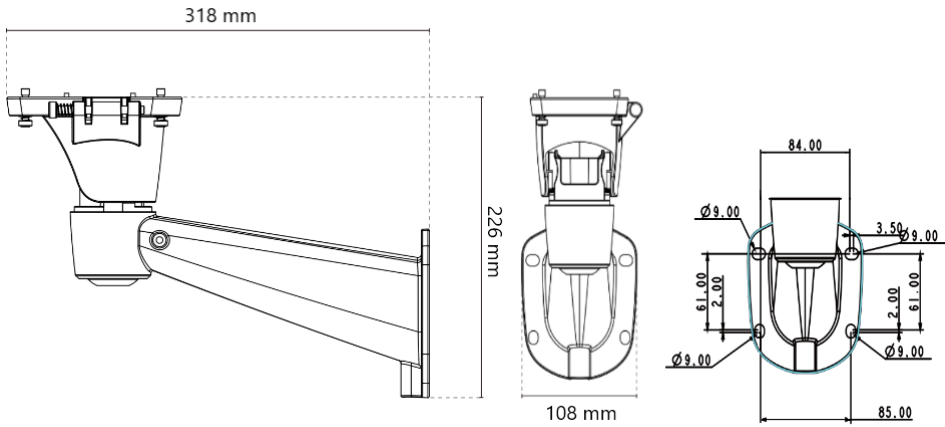
	4K, 22x Zoom, IP	3MP, 33x Zoom, IP	2MP, 4x Zoom, IP	Self-learning Video Analytics Range					
				2MP, 18x Zoom, IP	2MP, IP	4MP (9), IP	4MP (22), IP	6MP, IP	8MP, IP
Sensor	1/1.8"	1/2.8"	1/2.8"	1/2.8"				1/1.8"	
Focal Length (mm)	6.4-138.5	4.6 - 152.0	2.8-12.0	4.7 - 84.6	3.3 - 9	3.3 - 9	9 - 22	4.9 - 8	4.9 - 8
Focus	F1.5	F1.6	F1.2	F1.6	F1.3	F1.3	F1.6	F1.8	
Horizontal Angle of View	3° - 64°	3° - 52°	37.5° - 110.2°	4.1° - 60°	34° - 99°	34° - 92°	14° - 31°	52° - 92°	52° - 92°
Effective Pixels (HxV)	3864 x 2180	2065 x 1553	1920x1080	1920 x 1080		2560 x 1440		3200 x 1800	3840 x 2160
Day/Night	Automatic removable IR-cut filter		Dual IR Cut Filter with Auto Switch	Automatic, Manual					
Illumination Requirement	Color: 0.04Lux B/W: 0.002Lux		Color: 0.0004Lux B/W: 0.0001Lux	Color: 0.039Lux B/W: 0.02Lux	Color: 0.027Lux B/W: 0.014Lux	Color: 0.03Lux B/W: 0.015Lux	Color: 0.058Lux B/W: 0.029Lux	Color: 0.055Lux B/W: 0.028Lux	
Supported Video Analytics Events	Motion Detection, Tampering		Heatmap, Loitering, Object Abandoned, Missing Object, Parking, Crowd, Demographics, and On Duty Detection. *Support detection and classification of specific target types (people or vehicle) to remove false alarm caused by animals, leaves etc.	Objects in Area, Loitering, Crossing Beam, Object Appears or Enters Area, Object Not Present in Area, Objects Enter Area, Objects Leave Area, Object Stops in Area, Direction Violated, Tamper Detection					

*Analog camera options are available.

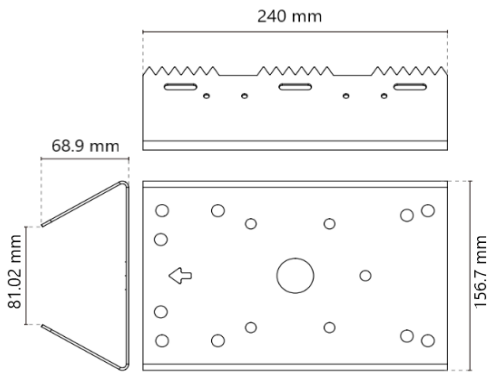
Outline Dimensions (mm)



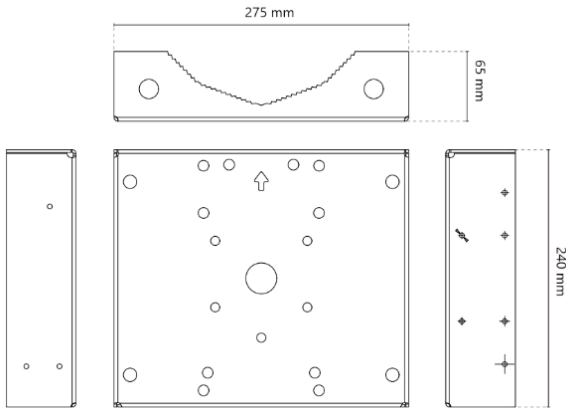
AF1V3-W Outline Dimensions



WB-AF1V3 Outline Dimensions

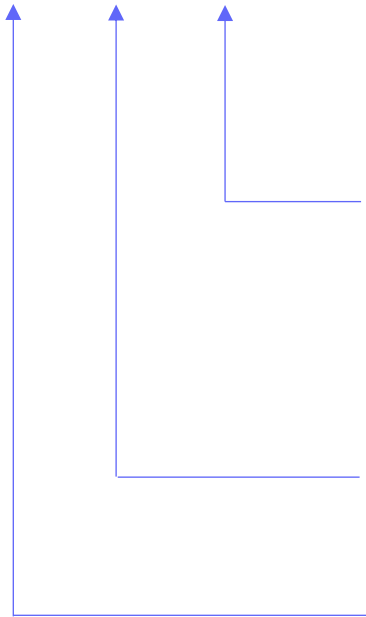


PM-AF1V3 Outline Dimensions



PME-AF1V3 Outline Dimensions

AF1V3 - X - X - X



Camera Module Options

- 22x4K : 4K, 22x Zoom, IP
- 33x3M : 3MP, 33x Zoom, IP
- 4x2M : 2MP, 4x Zoom, IP
- 18x2M : 2MP, 18x Zoom, IP with Self-learning Video Analytics
- 2M : 2MP, IP with Self-learning Video Analytics
- 4M (9) : 4MP (3.3-9mm), IP with Self-learning Video Analytics
- 4M (22) : 4MP (9-22mm), IP with Self-learning Video Analytics
- 6M : 6MP, IP with Self-learning Video Analytics
- 8M : 8MP, IP with Self-learning Video Analytics

Wiper Mechanism Options

- Blank : No additional option
- W : Fitted with wiper mechanism

LED Illumination Options

- Blank : No additional option
- LED12 : 12W LED Illuminator
- LED48 : 48W LED Illuminator

Standard Accessories

- SCH-AF1V3 : Sunshield for Camera Housing
- WB-AF1V3 : Wall Bracket

Optional Accessories

- PM-AF1V3 : Pole Mount Bracket
- PME-AF1V3 : Pole Mount Extend Bracket (for 100~230cm pole diameter)