MEDUSA

UNIVERSAL SPHERE FOR VIDEO SURVEILLANCE

- Top-opening system
- Indoor/Outdoor installations
- Universal internal adapter for several speed domes and network PTZ cameras
- Camera power supply equipped with internal adapter
- Version with cooling device
- Protection rating IP66 (not for double filter cooled version)
- Fan-assisted heater

The MEDUSA dome housing offers a unique top-opening system, designed to give easy access to all cabling, connections and the dome camera for an incredibly comfortable installation and service.

All the available camera adapters are very simply mechanically adjustable, allowing the positioning and the fastening of almost every speed dome and PTZ network camera existing in the market.

Moreover all internal adapters are equipped with a camera power supply and are always sold separately, as it can be chosen according to the main power available on site.

Constructed from die-cast aluminium with a PMMA bubble, the MEDUSA offers extreme sturdiness, weatherproof protection and attractive design and it is suitable for indoor and outdoor installations. Different mounting options are available, all with internal cable management: wall bracket, corner and pole adapters. The ceiling/parapet bracket is equipped as an option with a rotating plate which allows the rotation of the arm and simplifies the assembling operations and the maintenance of the housing and camera.

The standard version is supplied with sunshield and fan-assisted heater. When it is important to keep the housing's internal temperature down, an optional efficient cooling system is available, consisting of 2 filters placed in the body of the housing and two blowers placed in the internal adapter in order to allow internal/external air circulation to occur.

A reinforced heater, for low temperature environments, is available as an easy installable accessory.

For a total anti vandal protection, the lower semisphere is available in polycarbonate material, fully transparent or smoked.

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DOME ENCLOSURES

MEDUSA
UNIVERSAL SPHERE FOR VIDEO SURVEILLANCE
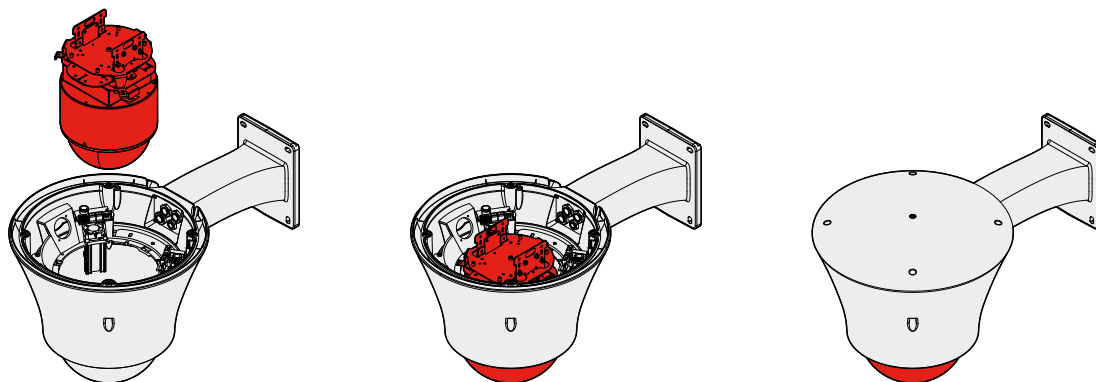
MEDUSA	
Dome enclosure	
DBH18K0F022	Dome enclosure with sunshield and smoked bubble (camera adapter not included)
DBH18K0F028	Dome enclosure with sunshield and clear bubble (camera adapter not included)
Internal camera adapters	
ODBH18H110	Camera adapter with fan-assisted heater IN 100-240Vac and camera power supply OUT 100/240Vac or 12Vdc, 3A max
ODBH18H210	Camera adapter with fan-assisted heater IN 24Vac and camera converter OUT 12Vdc, 2A max
ODBH18H112	Camera adapter with fan-assisted heater IN 100-240Vac and camera power supply OUT 24Vdc, 1.5A max
ODBH18H111	Camera adapter with fan-assisted heater IN 230Vac and camera power supply OUT 24Vac, 2A max
ODBH18H211	Camera adapter with fan-assisted heater IN 24Vac

MEDUSA	
Dome enclosure with double filter for air exchange	
DBH18K0F023	Dome enclosure with sunshield and smoked bubble, only for camera adapters equipped with blower system (camera adapter not included)
DBH18K0F029	Dome enclosure with sunshield and clear bubble, only for camera adapters equipped with blower system (camera adapter not included)
Internal camera adapters	
ODBH18V110	Camera adapter with blower system, fan-assisted heater IN 100-240Vac and camera power supply OUT 100/240Vac or 12Vdc, 3A max
ODBH18V210	Camera adapter with blower system, fan-assisted heater IN 24Vac and camera converter OUT 12Vdc, 2A max
ODBH18V112	Camera adapter with blower system, fan-assisted heater IN 100-240Vac and camera power supply OUT 24Vdc, 1.5A max
ODBH18V111	Camera adapter with blower system, fan-assisted heater IN 230Vac and camera power supply OUT 24Vac, 2A max
ODBH18V211	Camera adapter with blower system and fan-assisted heater IN 24Vac
ODBH18C110	Camera adapter with blower system IN 100-240Vac and camera power supply OUT 100/240Vac or 12Vdc, 3A max
ODBH18C210	Camera adapter with blower system IN 24Vac, camera converter OUT 12Vdc, 2A max
ODBH18C112	Camera adapter with blower system IN 100-240Vac and camera power supply OUT 24Vdc, 1.5A max
ODBH18C111	Camera adapter with blower system IN 230Vac and camera power supply OUT 24Vac, 2A max
ODBH18C211	Camera adapter with blower system IN 24Vac

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DOME ENCLOSURES

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SELECTION GUIDE TO MEDUSA ADAPTERS

		MAIN POWER SUPPLY	
		24Vac	**100-240Vac**
CAMERAS VOLTAGE	12Vdc	ODBH18H210, ODBH18V210, ODBH18C210	ODBH18H110, ODBH18V110, ODBH18C110, ODBH18H114, ODBH18V114
	24Vac	ODBH18H211, ODBH18V211, ODBH18C211, ODBH18H214, ODBH18V214	ODBH18H111, ODBH18V111, ODBH18C111
	24Vdc	-	ODBH18H112, ODBH18V112, ODBH18C112
	230Vac	-	ODBH18H110, ODBH18V110, ODBH18C110

TESTED CAMERAS

	Models	ODBH18H110, ODBH18V110, ODBH18C110	ODBH18H210, ODBH18V210, ODBH18C210	ODBH18H111, ODBH18V111, ODBH18C111	ODBH18H211, ODBH18V211, ODBH18C211	ODBH18H112, ODBH18V112, ODBH18C112	ODBH18H114, ODBH18H214, ODBH18V114, ODBH18V214
ACTi	ACM-8511	•	•				
AXIS	213	•	•				
	214	•	•				
	215	•	•				
	231, 232			•	•		
	233D				•	•	
JVC	TK-C676			•	•		
PANASONIC	BB-HCM381	•	•				
	WV-NS202	•	•				
	WV-CS950	•					
	WV-CS954			•	•		
SANYO	9300P			•	•		
SONY	SNC-RZ25P	•	•	•	•		
	SNC-RZ50P	•	•				
	SNC-RX-530						•
	SNC-RX-550						•
	SNC-RX-570						•
TOSHIBA	IK-WB21A	•	•				
	IK-WB21E	•	•				

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DOME ENCLOSURES

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TECHNICAL DATA

GENERAL

Built in die-cast aluminium

Epoxypolyester powder painting, RAL9002 colour

Lower semisphere: in PMMA transparent or smoked (in this case the loss of luminosity is 1 lux)

Sunshield in ABS for outdoor, RAL9002 colour

MECHANICAL

External dimensions with sunshield: Ø 351x335mm (13.8x13.2in)

External dimensions without sunshield: Ø 314x322mm (12.4x12.7in)

4 cable-glands: 3xM16 allowing Ø cable 3,5-7mm (0.1-0.3in), 1xM12 allowing Ø cable 5-10mm (0.2-0.4in)

Supplied with instruction manual, cable glands and protection gasket

ELECTRICAL

Fan assisted heater, Ton 15°C +/-3°C (59°F +/-37°F) Toff 22°C +/-3°C (71°F +/-37°F)

- IN 24Vac, consumption 24W max
- IN 100/240Vac, consumption 44W max

Camera power supply included with internal adapter

- IN 100/240Vac, 50/60Hz, OUT 12Vdc, 3A max
- IN 100/240Vac, 50-60Hz, OUT 24Vdc, 1.5A max
- IN 230Vac, 50/60Hz, OUT 24Vac, 2A max
- IN 24Vac/24Vdc, 50/60Hz, OUT 12Vdc, 2A max

Blower in continuous duty for heater assistance Ton 15°C +/-3°C (59°F +/-37°F) Toff 22°C +/-3°C (71°F +/-37°F)

- IN 12Vdc, consumption 4W max

Blower for air-exchange with thermostat Ton 35°C+/-3°C (95°F +/-37°F) Toff 20°C+/-3°C (68°F +/-37°F)

- IN 12Vdc, consumption 4W max

ACCESSORIES

ODBH18K1	Reinforced fan-assisted heater 115/230Vac, 88W
ODBH18K2	Reinforced fan-assisted heater 12Vdc/24Vac, 48W
DBH06	Cable management wall mount
DBH07	Cable management ceiling / parapet mount
DBH08	Linear extension for DBH07
DBH09	Rotating plate for DBH07
ODBH18PLDT	Polycarbonate clear bubble for DBH18
ODBH18PLDF	Polycarbonate smoked bubble for DBH18

RELATED PRODUCTS

PTCC1	Pole adapter for DBH06
WCWGC	Corner adapter for DBH06

ENVIRONMENT

Indoor / Outdoor

Operating temperature with standard fan-assisted heater: -20°C / +60°C (-4°F / +140°F)

Operating temperature with reinforced heater kit (to be installed only with adapters ODBH18H series and only with camera and lens options guaranteed to work in operating temperatures down to -10° (14F°): -30°C / +50°C (-22°F / +122°F)

COMPLIANCE TO

CE according to EN 61000-6-3, EN 60950-1, EN 50130-4

IP66 according to EN 60529

SPARE PARTS LIST

ODBH18PLFR	Smoked bubble
ODBH18PLTR	Transparent bubble

	Unit Weight:	Package Weight:	Package Dimensions (WxHxL):	Master Carton:
	DBH18 3.8kg / 8.4lb (without camera adapter)	**DBH18** 4.2kg / 9.3lb	**DBH18** 38x38x41cm / 14.96x14.96x16.14in	**DBH18** -

MEDUSA
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Ø 314

Ø 185

Ø 230

A - A

A - A

FAN VERSION

335

244

91

Ø 351

368

240

Ø 184

B - B

B

B

240

138

Ø 184

C - C

C

C
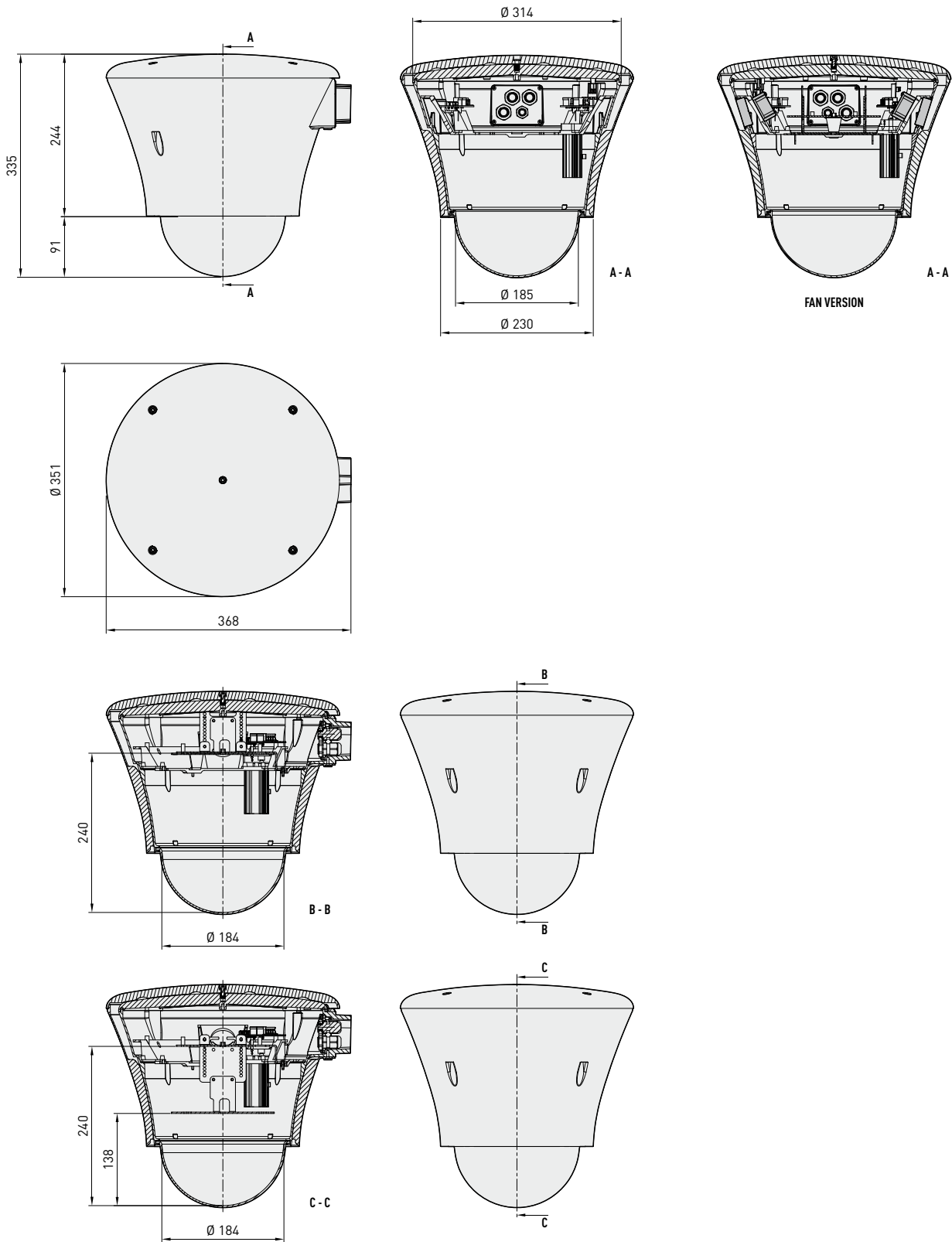
The values are in millimeters.