MEDUSA

UNIVERSAL DOME HOUSING FOR DISCREET SURVEILLANCE

REVISION 1120

MAIN FEATURES

- 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

DESCRIPTION

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 standard MEDUSA 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 easily installable accessory.

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

MEDUSA + DBH06

MEDUSA + DBH06

INSIDE VIEW

FAN ASSISTED VERSION

Specifications subject to change without notice. © Videotec S.p.A. All rights reserved.

MEDUSA

AVAILABLE MODELS	
Dome enclosure	
DBH18K0F022	Dome enclosure with Sunshield ì and smoked bubble (camera adapter not included)
DBH18K0F028	Dome enclosure with sunshield ìand 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
ODBH18H114	Camera adapter for SONY SNC-RX-530, SNC-RX-550, SNC-RX-570, SNC-RH-124P, SNC-RS-44P, SNC-RS-46P ,with fan-assisted heater IN 100-240Vac, camera power supply OUT 12Vdc, 3A
ODBH18H214	Camera adapter for SONY SNC-RX-530, SNC-RX-550, SNC-RX-570, SNC-RH-124P, SNC-RS-44P, SNC-RS-46P with fan-assisted heater IN 24Vac

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
ODBH18V114	Camera adapter forSONY SNC-RX-530, SNC-RX-550, SNC-RX-570, SNC-RH-124P, SNC-RS-44P, SNC-RS-46P, with blower system and fan-assisted heater IN 100-240Vac, camera power supply OUT 12Vdc, 3A
ODBH18V214	Camera adapter for SONY SNC-RX-530, SNC-RX-550, SNC-RX-570, SNC-RH-124P, SNC-RS-44P, SNC-RS-46P, with blower system and fan-assisted heater IN 24Vac

MEDUSA + DBH06 + PTCC1

MEDUSA + DBH06 + DBHWGC

MEDUSA + DBH07 + DBH08 + DBH09

Specifications subject to change without notice. © Videotec S.p.A. All rights reserved.

TECHNICAL DATA

GENERAL

Constructed from 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

Supplied with instruction manual, cable glands and protection gasket

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)

ELECTRICAL

FAN ASSISTED HEATER, TON 15°C±3°C (59°F ±5°F) TOFF 22°C±3°C (71.6°F ±5°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 ±5°F) TOFF 22°C±3°C (71.6°F ±5°F)

- IN 12Vdc, consumption 4W max

BLOWER FOR AIR-EXCHANGE WITH THERMOSTAT TON 35°C±3°C (95°F ±5°F) TOFF 20°C±3°C (68°F ±5°F)

- IN 12Vdc, consumption 4W max

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 / +60°C (-22°F / +140°F)

CERTIFICATIONS

CE EN61000-6-3, EN60950-1, EN50130-4

IP66 EN60529

IP44 EN60529 for models with cooling blower and double filter

ACCESSORIES

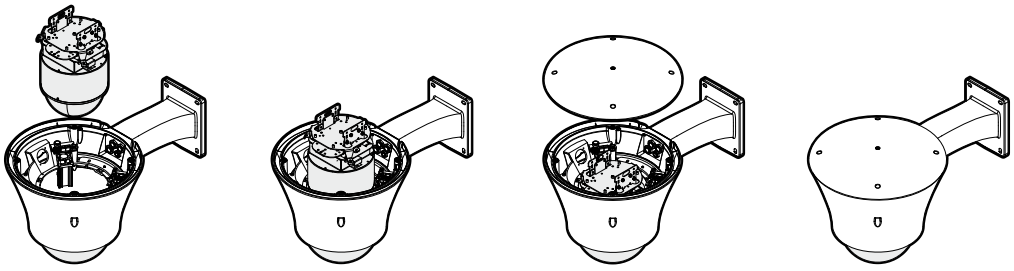
ODBH18K1	Reinforced fan-assisted heater 115/230Vac, 88W
ODBH18K2	Reinforced fan-assisted heater 12Vdc/24Vac, 48W
ODBH18PLDT	Polycarbonate clear bubble for DBH18
ODBH18PLDF	Polycarbonate smoked bubble for DBH18

BRACKETS AND ADAPTORS

DBH06	Cable management wall mount
DBH07	Cable management ceiling / parapet mount
DBH08	Linear extension for DBH07
DBH09	Rotating plate for DBH07
PTCC1	Pole adapter for DBH06
DBHWGC	Pole adapter Ø 210mm max 225mm (8.2"max 8.85")
WCWGC	Corner adapter for DBH06

SPARE PARTS

ODBH18PLFR	Smoked bubble
ODBH18PLTR	Transparent bubble



PACKAGE

Code	Unit weight		Package weight		Package dimensions (WxHxL)		Master carton
	kg	lb	kg	lb	cm	in	unit
DBH18	4.2 *	9.3	5.3	11.7	38.0x38.0x41.0	14.9x14.9x16.1	-

** Without camera adapter.*

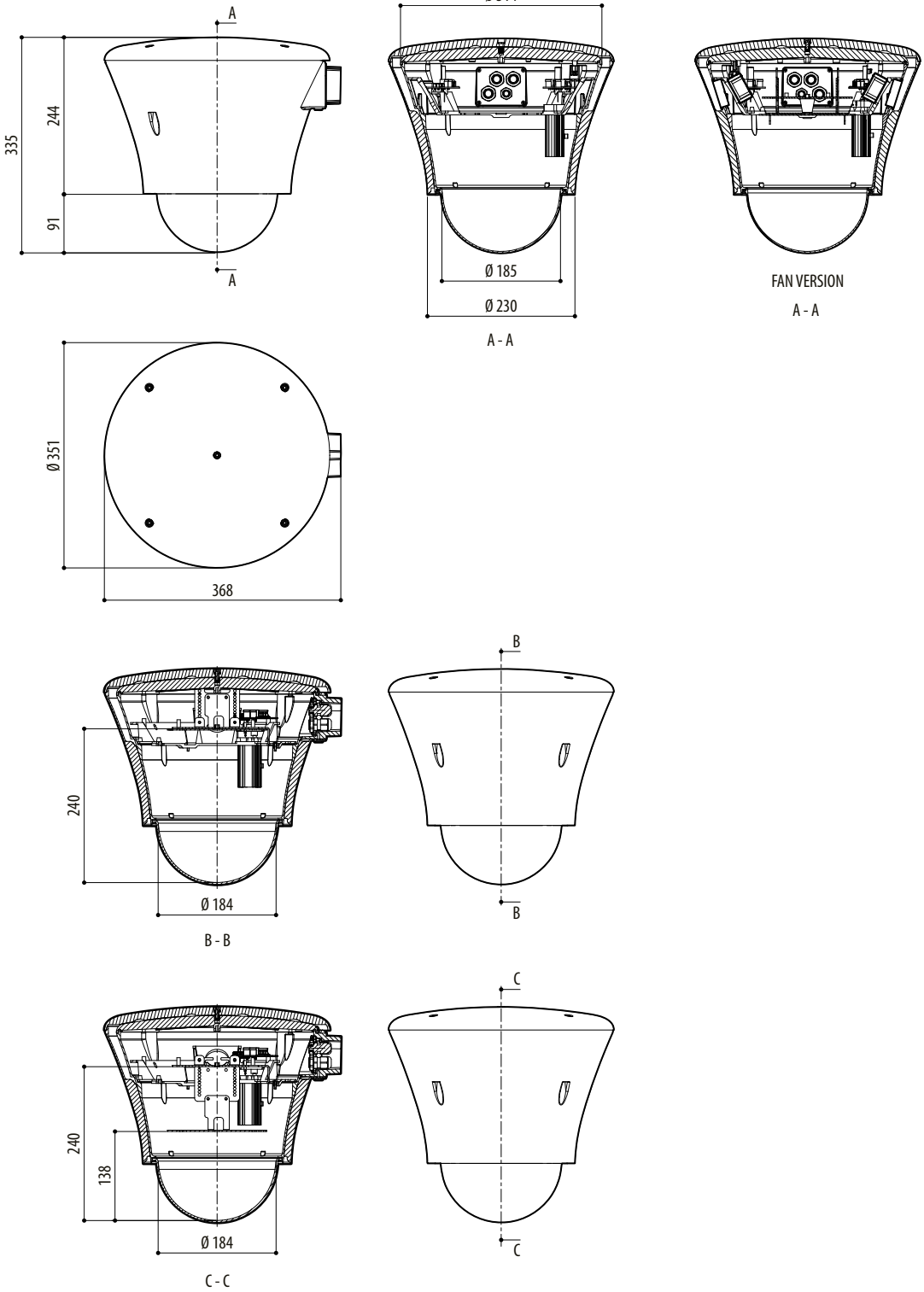
Specifications subject to change without notice. © Videotec S.p.A. All rights reserved.

MEDUSA

MEDUSA SELECTION GUIDE TO ADAPTERS			
Cameras voltage	Main power supply		
	24Vac	100-240Vac	230Vac
12Vdc	ODBH18H210, ODBH18V210	ODBH18H110, ODBH18V110, ODBH18H114, ODBH18V114	-
24Vac	ODBH18H211, ODBH18V211, ODBH18H214, ODBH18V214	-	ODBH18H111, ODBH18V111
24Vdc	-	ODBH18H112, ODBH18V112	-
230Vac	-	ODBH18H110, ODBH18V110	-

MEDUSA TESTED CAMERAS							
	Models	ODBH18H110 ODBH18V110	ODBH18H210 ODBH18V210	ODBH18H111 ODBH18V111	ODBH18H211 ODBH18V211	ODBH18H112 ODBH18V112	ODBH18H114 ODBH18H214 ODBH18V114 ODBH18V214
ACTi	ACM-8511	•	•				
	CAM-6510			•	•		
AXIS	213	•	•				
	214	•	•				
	215	•	•				
	231			•	•		
	233D				•	•	
CANON	VB-C50i	•	•	•	•		
	VB-C300	•	•				
COMPRO TECHNOLOGIES	IP540	•	•				
	IP570	•	•				
GRANDEYE	HALOCAM IPC	•					•
JVC	TK-C685			•	•		
	TK-C685E			•	•		
	TK-C686			•	•		
	TK-C686E			•	•		
	VN-V685U			•	•		
	VN-V686U			•	•		
PANASONIC	BB-HCM381	•	•				
	WV-NS202	•	•				
	WV-NS950	•					
	WV-CS950	•					
	WV-CS954			•	•		
SONY	SNC-RZ25P	•	•	•	•		
	SNC-RZ30	•	•				
	SNC-RZ50P	•	•				
	SNC-RX-530						•
	SNC-RX-550						•
	SNC-RX-570						•
	SNC-RH-124P						•
	SNC-RS-44P						•
	SNC-RS-46P						•

Specifications subject to change without notice. © Videotec S.p.A. All rights reserved.



MEDUSA

mm 1:10

Specifications subject to change without notice. © Videotec S.p.A. All rights reserved.

MEDUSA

Specifications subject to change without notice. © Videotec S.p.A. All rights reserved.