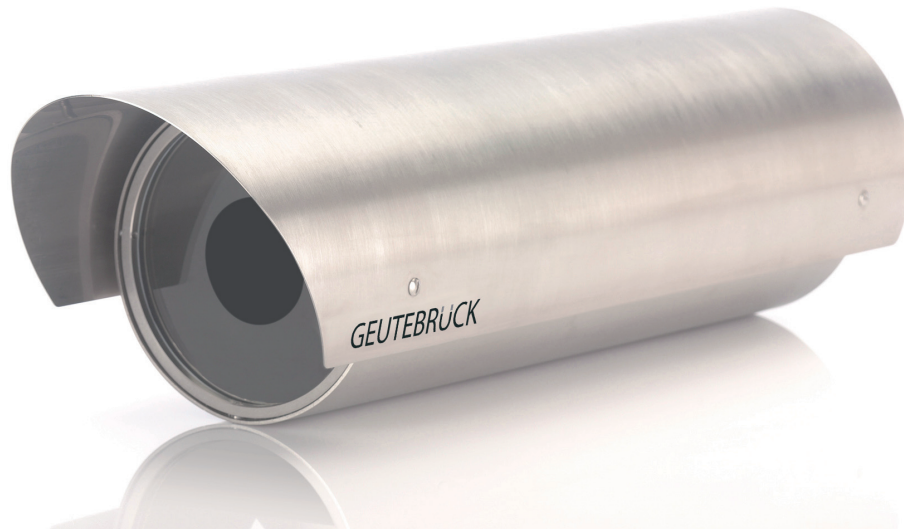


ARGUS-WPH/GTIC/D50-D70

Weatherproof housing for the thermal imaging camera series GTIC



Product information

Small weather protection housing made of V4A steel for the integration of a GEUTEBRÜCK Thermal Imaging Camera with purpose built front glass made of acrylic and germanium glass, with temperature-controlled front glass heating, internal fan and sun-protection for the high-speed pan/tilt head ARGUS. The housing can be mounted on the left side of the ARGUS-system instead of the standard IR-LED illuminator. The housing can be used for stand alone thermal imaging operation as well as for dual vision operation by using standard video cameras in combination with motor zoom lenses. The housing is prepared for quick installation, i.e. for simple and cablefree connection of the pan/tilt head unit. The pin assignment in the connecting flange of the weatherproof housing is mirrored symmetrically and allows standing and hanging installation of the ARGUS-system.

- | Weatherproof housing made of V4A stainless steel (material no. 1.4571, X6CrNiMoTi steel) prepared for quick installation
- | Installation at pan/tilt head can be shifted by 180° (standing and hanging installation)
- | Equipped with securing pin for protection from unintended separation from the pan/tilt head
- | Built in transformer for direct connection of thermal imaging cameras of the GTIC-series
- | Integrated front glass heating and fan
Central voltage supply via pan/tilt unit

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Competence in Video Security

Technical data

Pan/Tilt unit	Available in 2 versions: ARGUS-PT-Head/230VAC, ARGUS-PT-Head/110VAC
Video outputs (via BNC or system connector)	1 x (asymmetrically) coaxial, 1 x (symmetrical) twisted pair (both galvanically decoupled)
Contact input (via system connector)	1 x contact input (switching to ground potential)
Max. pan/tilt speed	200°/s
Min. pan/tilt speed (creep speed)	Approx. 0.01°/s, control via MBeg/GCT-3X-LAN
Max. angular acceleration	600°/s ²
a: time needed for positioning max. 90°	Max. 0.75 s
b: time needed for positioning 0° - 180°	Max. 1.2 s
Position repeat accuracy	< +/- 0.01°
Max. pan angle	360° endless rotation
Max. tilt angle	+/- 90°
Programmable fixed positions	255
Auto flip	Adjustable
Zero calibration	Automatic
Peak torque	> 10 Nm
Resolution per rotation	460800 steps
Infinitely variable speed	Yes
Electronic position-hold technology	Yes
Endless rotation without time limit	Yes
Max. acceleration	Adjustable via software settings
Max. speed	Adjustable via software settings
Automatic drive to home position after a pre-set time period	On/Off
Hanging and standing installation	Yes
Running direction (Joystick MBeg/GCT-LAN)	Adjustable via software settings
Total covered cable gland	Yes
Integrated control receiver	Yes
Interface	Kdec protocol (GEUTEBRÜCK standard)
Dimensions (Main cylindric head)	H = 415 mm; Ø = 154.5 mm
Material	Brushed stainless steel V4A (Material No. 1.4571)
Operating temperature	- 40 °C to + 55 °C (without camera) Lower temperature ranges on request
Operating voltage	230 V AC (0.02500) / 110 V AC (0.02510)
Power consumption	Max. 300 VA
Protection class	IP 66
Weight (with mains unit)	Approx. 12 kg
Payload	Max. 30 kg
Weatherproof housing	Available in 2 dimensions: ARGUS-WPH/S, ARGUS-WPH/L, ARGUS-WPH/GTIC
Dimensions:	
Size 1 (WPH/S and WPH/GTIC) corpus	L = 410 mm, Ø = 140 mm
Sunshield	L = 545 mm
Dimensions:	
Size 2 (WPH/L) corpus	L = 480 mm, Ø = 168 mm
Sunshield	L = 630 mm
Integrated lens controller - WPH/S, WPH/L	
- Automatic position potentiometer test	Focus/Zoom -> Polarities, Braking distances
- Automatic identification of standard and high-speed lenses	Yes
Integrated camera power supply	24 VAC (The power supply input of the camera must be galvanically decoupled from ground potential)
Power supply thermal imaging - WPH/GTIC	12 VDC via integrated transformer
Manual iris control - WPH/S, WPH/L	For voltage controlled and motorized iris (Pentax lenses without and with AD converter)
Control outputs - WPH/S, WPH/L	3 aux relays, 1 transistor (open collector) (Each with 15 different functionalities with adjustable time frames)
Alarm trigger - WPH/S, WPH/L	4 alarm trigger modes
Self-cleaning front glass - WPH/S, WPH/L	Photocatalytic (hydrophilic coating)
Front glass - WPH/GTIC	Acrylic with flush mounted germanium glass
Material	Brushed stainless steel V4A (Material No. 1.4571, X6CrNiMoTi-Steel)
Type	Order No.
ARGUS-PT-Head/230VAC	0.02500
ARGUS-PT-Head/110VAC	0.02510
ARGUS-WPH/S (Weatherproof housing, Small)	1.02510
ARGUS-WPH/L (Weatherproof housing, Large)	1.02500
ARGUS-WPH/GTIC/D50 (Weatherproof housing for the thermal imaging camera series GTIC up to 50 mm focal length)	1.02514
ARGUS-WPH/GTIC/D70 (Weatherproof housing for the thermal imaging camera series GTIC from 100 mm focal length)	1.02515
ARGUS-Base (mounting base for ARGUS-PT-Head made of V4A)	5.26011
Optional Accessories	
	ARGUS-IR-LED (Infrared beam) (1.02600)
	ARGUS-IR-LED/10° (Infrared beam) (1.02601)
	ARGUS-IR-LED/10°/DS (Infrared beam) (1.02602)

ARGUS-WPH/GTIC/D50-D70_PLLEN 25.08.2009

Technical alterations reserved

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