



focusing on you

Camera Housings and Infra-Red Illuminators



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TPH-Housings

External Camera Housings

KEY FEATURES

- Die-Cast Aluminium Construction
- Top Opening Lid (TPH2000) or Side Opening Lid (TPH4000) For Easy Access
- Cable Managed System With Swivel Bracket
- Sealed IP68 Cable Entry Glands
- Integral Heater To Prevent Moisture On Glass Window
- Adjustable Sliding Camera Tray
- Suitable For Indoor/Outdoor Installation
- Weatherproof - IP66 Rating
- Suitable For Bodied Cameras
- Additional Fixing Holes On Underside For IR Lighting
- Available in Dual Voltage or Mains (240V AC)
- 3 Year Anti-Corrosion Warranty



TPH-2000



TPH-4000

Genie's range of TPH Camera Housings draw the following current when the integral heater is utilised;

Model No:	Input Power	Heater Current	Initial Surge (< than 3 sec)
TPH2000/240	AC 230V	70mA	270mA
TPH2000	AC 24V	760mA	2.3A
TPH2000	DC 12V	1.12A	No
TPH4000/240	AC 230V	70mA	270mA
TPH4000	AC 24V	760mA	2.3A
TPH4000	DC 12V	1.12A	No

TECHNICAL SPECIFICATION

Model No	TPH2000/TPH2000-240	TPH4000/TPH4000-240
Coating	Light ivory powder coat & stove finished	
Cable Inlet	2 x PGA 13.5 (Ø 5 to 8.8mm)	
Heater	Dual 12V DC or 24V AC Heater or Mains 110~230V AC Switches on at 18°C & off at 28°C	
Blower	Switches on at 35°C & off at 25°C	
IP Rating	IP66	
Operating Temperature	-40°C ~ +50°C	
External Dimensions (WxHxL)	127x124x390 mm	
Internal Dimensions (WxHxL)	90x70x240 mm	
Window (WxHxD)	82x68x4 mm	
Weight	2.75 Kg (including brackets)	2.95 Kg (including brackets)

Features and specifications are subject to change for further improvement without any notice

ORDERING INFORMATION

TPH2000	Camera housing with top opening lid	12V DC/24V AC
TPH2000/240	Camera housing with top opening lid	240 V AC
TPH4000	Camera housing with side opening lid	12V DC/24V AC
TPH4000/240	Camera housing with side opening lid	240 V AC

IR/Housings Combinations



Weatherproof



Heater



Indoor



Outdoor

TPH-IR Series

Infra-Red LED Illuminators

KEY FEATURES

- High Power LEDs
- Available With Either 4, 6 or 7 Piece LEDs
- Robust And Impact Resistant
- Die-Cast Aluminium Construction
- IR Light Distance Up To 70m
- Energy Efficient Compared To Mains Driven Bulbs
- Heat Dissipation With Embedded Blower
- Automatic Light Sensor Control
- 850nm Wavelength
- Weatherproof - IP66 Rating
- Can be used with TPH Series Housings or Standalone (Wall Bracket Required)
- Available In 24V AC or 240V AC



The TPH IR Illuminators draw the following minimum current

Model No:	Input Power	LED Current	LED & Blower Current	Initial Surge	Angle
TPH-IR4	AC 24V	800mA	1A	No	45°
TPH-IR4/240	AC 230V	600mA	800mA	No	45°
TPH-IR6	AC 24V	800mA	1A	No	45°
TPH-IR6/240	AC 230V	600mA	800mA	No	45°
TPH-IR7	AC 24V	800mA	1A	No	25°
TPH-IR7/240	AC 230V	600mA	800mA	No	25°

TECHNICAL SPECIFICATION

Model No.	TPH-IR4	TPH-IR4/240	TPH-IR6	TPH-IR6/240	TPH-IR7	TPH-IR7/240
No. of LEDs	4 pieces	4 pieces	6 pieces	6 pieces	7 pieces	7 pieces
IR Light Distance	35m	35m	55m	55m	70m	70m
LED Beam Angle	45°	45°	45°	45°	25°	25°
IR Light ON/OFF	Automatic CDS light sensor control					
Blower Control	35°C (on) / 25°C (off)					
Glass Thickness	4mm					
Mounting Options	Side, Underneath or Wall					
Coating	Ivory powder stove					
IP Rating	IP66					
Wavelength	850nm					
Power input	AC24V (+/-10%)	AC80~260V	AC24V (+/-10%)	AC80~260V	AC24V (+/-10%)	AC80~260V
Power Consumption	7.2W					
Operating Temperature	-20°C ~ +45°C					
Operating Humidity	10% ~ 85%					
Dimensions	120(W) x 115(H) x 170(L) mm					
Weight	1.5 Kg					

Features and specifications are subject to change for further improvement without any notice. Light distances quoted above are in optimal conditions.

ORDERING INFORMATION

TPH-IR4	4x IR LEDs	35m range	24V AC
TPH-IR6	6x IR LEDs	55m range	24V AC
TPH-IR7	7x IR LEDs	70m range	24V AC

Available also in 240V AC options. Please add /240 to your order when ordering this option

HOUSINGS AND IR ACCESSORIES

BR20	Pole mount adaptor kit for TPH housings, fits poles 67-127mm and/or 83-178mm
BR21	Corner mount bracket for TPH housings
BR22	Ceiling mount bracket for TPH housings
TPH-TSB	Bracket to accept 2 x TPH-IR units either side of the camera housing
BR-16	Semi cable managed wall mount bracket for TPH housings or TPH-IR units



Weatherproof



Energy Saving



Impact Resistant



Outdoor



Defogging Glass



Nighttime

TPC Series

"All in One" True D/N Camera in a Housing with IR LEDs

KEY FEATURES

- Die-Cast Aluminium Construction
- Robust And Impact Resistant
- Integrated IR LEDs (Up To 50m Illumination Distance)
- Dual Glass Technology That Eliminates IR LED Reflection
- Camera - 1/3" Sony Super HAD CCD With DNR
- Varifocal Lens Options
- Mechanical IR Cut Filter
- Integral Heater & Blower To Prevent Moisture On Glass Window
- Fully Cable Managed Bracket Included
- 850nm Wavelength
- Weatherproof - IP66 Rating



TECHNICAL SPECIFICATION

Model No:	TPC-8389	TPC-8922
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HOUSINGS SPECIFICATION

Number Of LEDs	6 pieces	7 pieces
IR Light Distance	Up to 50m, With 25° Beam Angle	
IR Light ON/OFF	Photo diode sensor control	
Coating	Light ivory powder coat & stove finished	
Cable Inlet	2 x PGA 13.5 (Ø 5 to 8.8mm)	
Heater	24V AC Heater or Mains 110~230V AC switches on at 18°C & off at 28°C	
Blower	switches on at 35°C & off at 25°C	
IP Rating	IP66	
Operating Temperature	-40°C ~ +50°C	
Temper Glass Thickness	4mm	
Mounting Bracket	Fully cable managed	
Power Input & Power Consumption	AC24V or AC90~240V, 3.5A	

CAMERA SPECIFICATION

Lens	3.8 – 9.5mm DC A1VF	9 – 22mm DC A1VF
Lens Mount	Board mount back focus adjustment	
Image Sensor	Sony 1/3" colour super HAD CCD	
Video Format	PAL	
Effective Pixels	752(H) x 582(V)	
Horizontal Resolution	540 TVL	
Minimum Illumination (30 IRE) @ F1.2	0.1 Lux (Col), 0.001 Lux (B/W, with sens -up), 0 Lux (IR on)	
Video Output	1 Vp-p composite, 750 ohm BNC connector	
Shutter Control	1/50 ~ 1/120000 sec	
Backlight Compensation	Auto	
White Balance	ATW (2500°k – 9000°k) /AWB	
Digital Noise Reduction (DNR)	Auto	
Gain Control	Auto	
S/N Ratio	50db	
Power Source	12V DC	
Rating Current	90mA (AE mode) / 110mA (Auto iris mode)	
Operating Temperature & Humidity	-10°C ~ +50°C, 30% ~ 90% RH	
Dimensions (W x H x L)	120 x 115 x 215 mm	
Weight	2.1 Kg	

Features and specifications are subject to change for further improvement without any notice. Light Distances quoted above are based on optimal conditions.

ORDERING INFORMATION

TPC-8389	Super high resolution camera	540 TVL	3-8.5mm	DC A1VF lens	in IP66 housing	AC 24V
TPC-8389/240	Super high resolution camera	540 TVL	3-8.5mm	DC A1VF lens	in IP66 housing	AC 230V
TPC-8922	Super high resolution camera	540 TVL	9-22mm	DC A1VF lens	in IP66 housing	AC 24V
TPC-8922/240	Super high resolution camera	540 TVL	9-22mm	DC A1VF lens	in IP66 housing	AC 230V



Weatherproof



Impact Resistant



Outdoor



Day/Night



IR Led



Lens Options

TP IR607

Infra-Red Illuminator Enclosure

KEY FEATURES

- Die-Cast Aluminium Construction
- Side Opening Lid For Easy Access
- Cable Managed System With Swivel Bracket
- Integrated 7 Piece Super Power LEDs (up to 70m distance)
- Dual Glass Technology That Eliminates IR LED Reflection
- Integral Heater & Blower To Prevent Moisture On Glass Window
- Takes Most True Day/Night or Mono Bodied Cameras
- Suitable For Outdoor Installation
- 850nm Wavelength
- Weatherproof - IP66 Rating



TECHNICAL SPECIFICATION

Model No	TP IR607
LED Quantity	7 pieces
Infrared Beam Angle	25°
IR Light ON/OFF	Photo diode sensor control
Cable Inlet	2 x PGA 13.5 (Ø 5 to 8.8mm)
Heater	24V AC Heater or Mains 110~230V AC Switches on at 18°C & off at 28°C
Blower	Switches on at 35°C & off at 25°C
Temper Glass Thickness	4mm
Finish	Light Ivory Powder Coat & Stove Finished
Mounting Bracke	Fully cable managed
IP Rating	IP66
Operating Temperature	-40°C ~ +50°C
Power Input & Power Consumption	AC24V or AC90~240V, 3.5A
External Dimensions (W x H x L)	160 x 165 x 425 mm
Internal Dimensions (W x H x L)	110 x 115 x 200 mm
Weight	3.5 Kg

Features and specifications are subject to change for further improvement without any notice. Light Distances quoted above are based on optimal conditions.

ORDERING INFORMATION

TP IR607	IR illuminator enclosure with 7 LEDs	24V AC
TP IR607/240	IR illuminator enclosure with 7 LEDs	240V AC



Weatherproof



Impact Resistant



Outdoors



IR LEDs



Nighttime



Defogging Glass



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Camera Housings and Infra-Red Illuminators



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