

Gamma

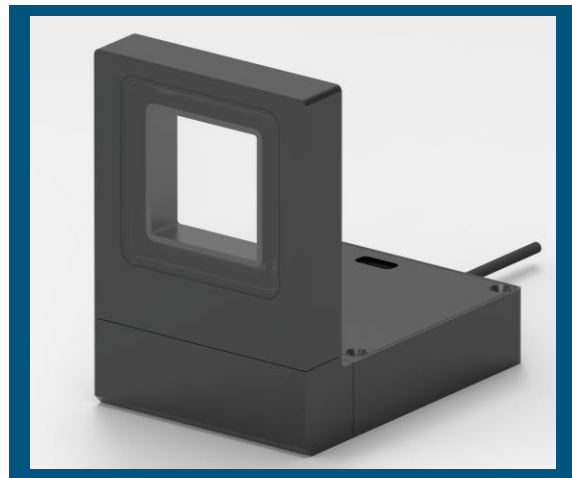
Retrofit Ultrasound Surface Cleaning for your device.

Product Code: 402-03-AXXX

Product Specification Datasheet

Features

- Automatic Cleaning
- Low power consumption
- De-Icing
- Dirt removal
- Large View area



Product render – delivered product may vary.

Product description

The Gamma ultrasonic cleaning device is constructed from Anodised aluminium, with state-of-the-art Ultrasound Surface Cleaning Technology integrated to maintain a clear image through your camera or other device through a wide scope of environmental challenges.

Auto-detection technology means the device can recognise it is contaminated and clean the glass before you even notice.

The Gamma system is suitable for a variety of applications such as: surveillance, Process monitoring, machine vision, autonomous driving.

Use Gamma to test the viability of Ultrasound Cleaning Technology in your application area, and we can collaborate to create a bespoke solution for you.

General Specification

Type	Retrofit Ultrasonic Cleaning Device
Colour	Black
Material	Anodised Aluminium, Nylon, acrylic
Water resistance	Showerproof (uncertified)
Wi-Fi	No
Working Temperature	-20C to 70C

Cleaning Specification

Time to clean (water only)	2s
Minimum Clearable Droplet Size (water)	0.8mm
Proven contaminants	Water, ice, Wet Mud, Machine coolant, *dry mud, *Insect, *(water required for effective cleaning)

Mechanical

Dimensions (body only)	80 x 108 x 114, W x L x H
Weight (PSU not included) $\pm$ 0.1kg	0.6kg
Mounting type	M3 tapped holes

Electrical Specification

Connection (power)	2 pin molex
Connection (control)	USB A
Connection (camera)*	USB A
Supply Voltage	24V
Input Power (peak)	96W
Input power (Auto Cleaning – Idle)	4W

*Camera Specification

Pixel number	16.0MP
Image Format	YUB/MJPEG
Data format	4656x3496/ 4208x3120/ 4000x3000/3264x2448/ 2592x1944/2320x1744/2304x1728/ 2048x1536/1920x1080/1600x1200/1280x960/1280x720
Frame Rate	4656x3496 at10fps/4208x3120 at10fps/4000x3000 at 10fps/3264x2448 at 10fps/2592x1944 at10fps/2320x1744 at30fps/2304x1728 at30fps/2048x1536 at30fps/1920x1080 at30fps /1600x1200at30fps/1280x960at30fps/1280x720at30fps
Working current	5V 240mA
Lens	8mm
AF Range	5CM to +∞
*CAMERA IS OPTIONAL EXTRA. TO PURCHASE PLEASE CONTACT INFO@ECHOVISTA.CO.UK	

Other Notes

Tap water	Use of tap water can cause limescale build up on the glass, leading to reduced performance and system damage. Using tap water is not recommended. If you experience limescale build up. Use a diluted household limescale remover and a microfibre cloth to gently clean the glass face
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Dimension drawings.

