

# Custos Aeris

## Climate and Dew Point Guard



### Sensor System for Contactless Climate Monitoring of Stained Glass and Mural Art

## Product Highlights

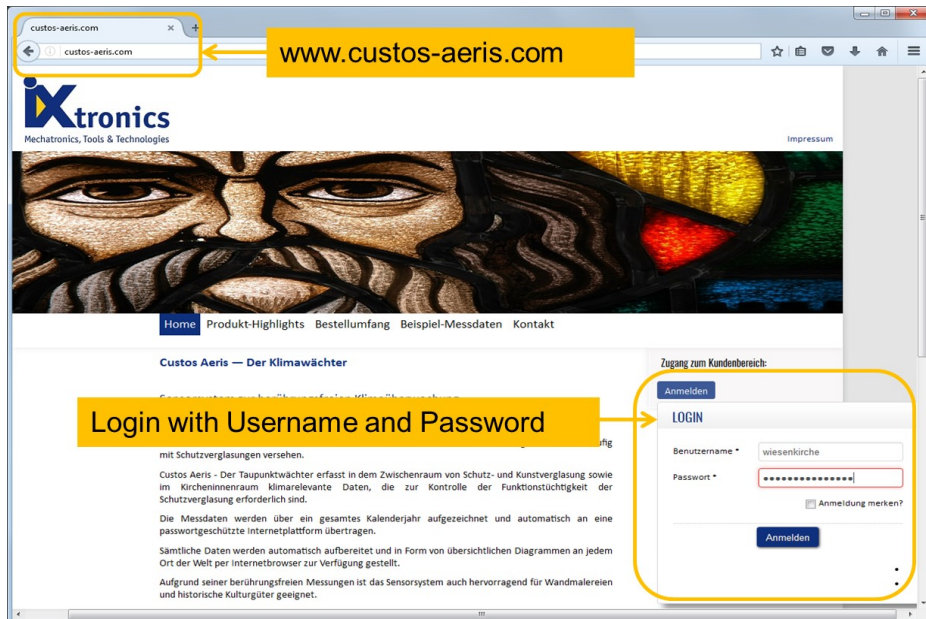
- Sensor System for Contactless Climate Monitoring of Stained Glass and Mural Art
- Automatic Dew Point Monitoring
- Direct Visualisation of all Measurement Data in your Web Browser
- Contactless Measurement of Glass Surface Temperatures
  - Protective Glazing, Stained Glass (Air Gap) and Stained Glass (Interior)
- Contactless Measurement of Wall Surface Temperature
- Emissivity freely adjustable
- Measurement of Relative Air Humidity and Temperature in Air Gap and Interior
- Measurement Range:  $-20^{\circ}\text{C}$  to  $85^{\circ}\text{C}$ , Tolerance  $< 0,5\%$
- Measurement Data Acquisition every 15 Minutes
- Daily Transfer of Measurement Data to secured Web Server
- Download of all Measurement Data in csv Format possible
- Internal Battery Power for more than 1 Year
- Easy Installation
- Ready to run in all European Countries
  - Mobile network is needed
- Working conditions:
  - Temperature range of the main module:  $-20^{\circ}\text{C}$  to  $60^{\circ}\text{C}$  (battery)
  - Humidity:  $<90\%$ . Short terms over  $90\%$  possible. Continuous use in high humidity may affect the battery life

## Easy Installation

Just put it up, switch it on...



... and see all Measurement Data in your Web Browser!



## Scope of Delivery and Services

- 1 Custos Aeris Main Module  
Dimensions: H x W x D: 12 cm x 19,5 cm x 3 cm - Weight: 260 g
- 1 Custos Aeris Air Gap Module  
Dimensions: H x W x D: 12 cm x 4,5 cm x 2 cm - Weight: 60 g
- Setup of individual Access to the Measurement Data Web Portal
- 12 Months Measurement Data Storage on secured Web Server
- 12 Months Access to Individual Measurement Data Web Portal
- 12 Months Mobile Communication Fees in all European Countries
- 12 Months Support via Telephone and E-Mail
- Package Price for above mentioned Positions: 3.000 € plus VAT
- Optional Extension for additional 12 Months: 500 € plus VAT  
Multiple Extension Periods possible

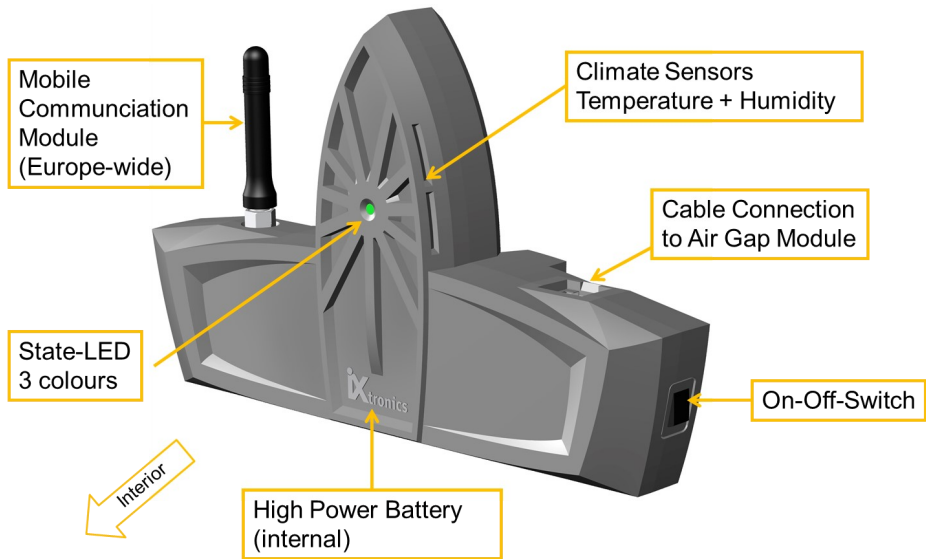
### Contact and Ordering Address

iXtronics GmbH  
Im Dörener Feld 3  
33100 Paderborn  
Germany

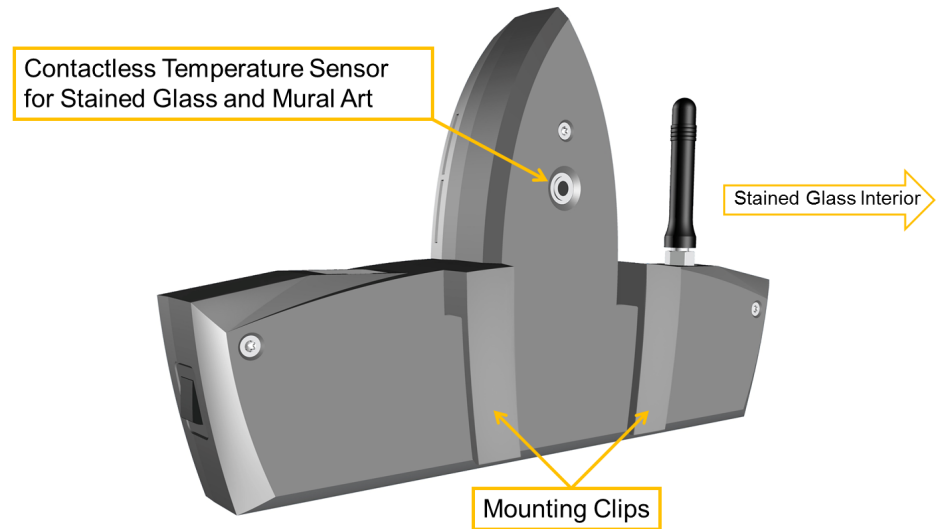
E-Mail: [ca@ixtronics.com](mailto:ca@ixtronics.com)

[www.custos-aeris.com](http://www.custos-aeris.com)

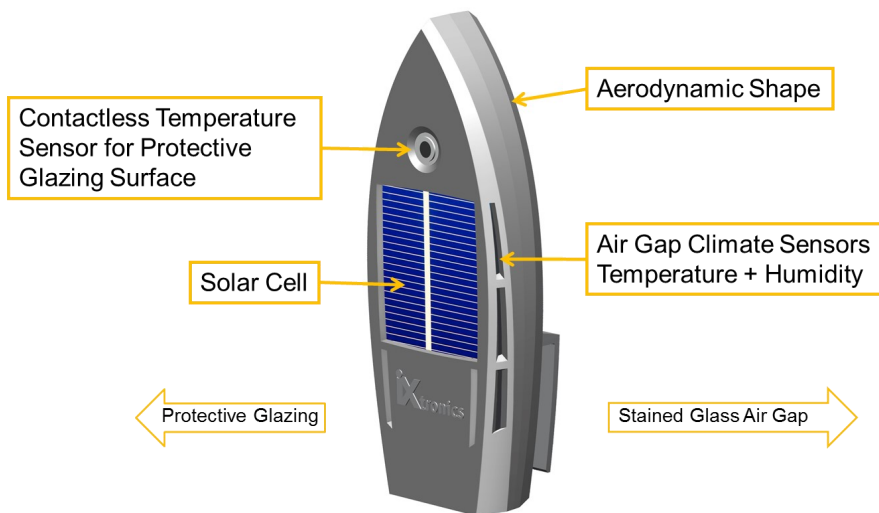
## Custos Aeris Main Module (Front View)



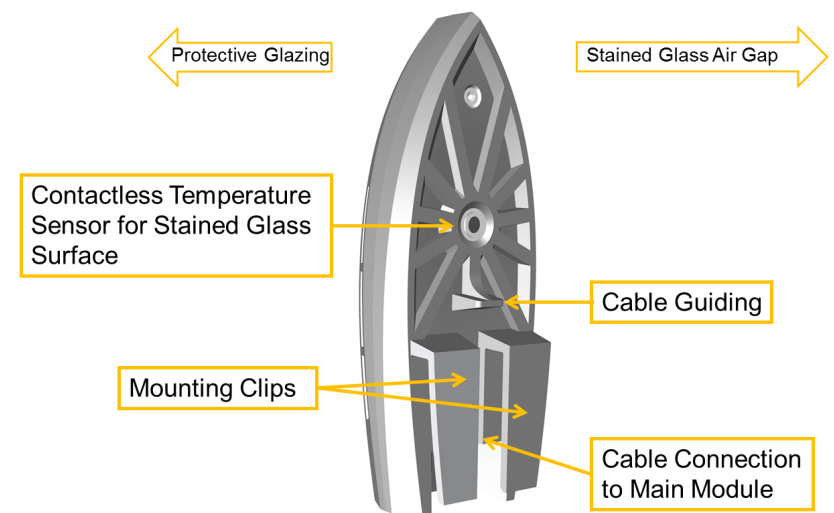
## Custos Aeris Main Module (Back View)



## Custos Aeris Air Gap Module (Front View)



## Custos Aeris Air Gap Module (Back View)





## Custos Aeris Measurement Data Web Portal

