

XETAL

Xetal YugenFace

Introducing YugenFace



Xetal YugenFace can detect if a person's skin temperature is higher than expected

It operates in full respect of privacy norms as it uses simple temperature and distance measurements without any video or audio information

The device can be monitored remotely (in development) and can also control simple devices locally (e.g. a door)

The device uses a novel AI algorithm that adapts each individual device to its current operation conditions and location

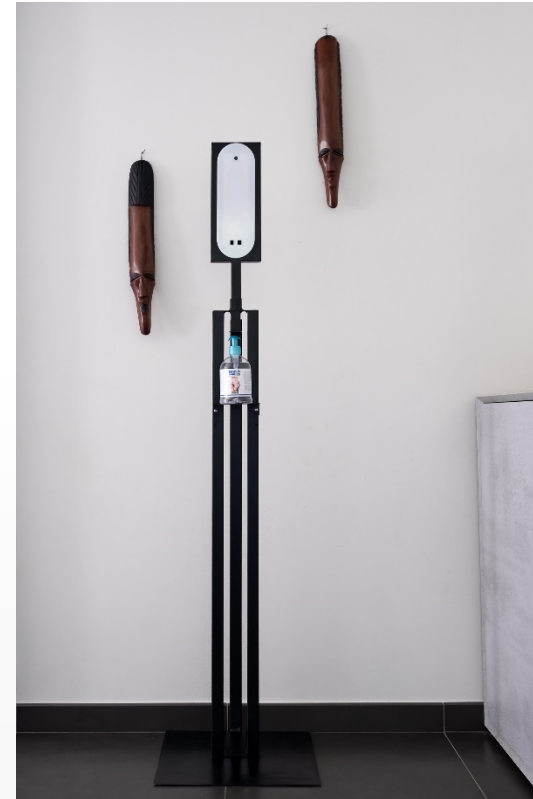
YugenFace comes in two models:

- YugenFace Stand: free standing with integrated mechanical gel dispenser
- YugenFace Wall: to be placed on a vertical surface (like a wall)

The technology underneath YugenFace

Xetal YugenFace technology is based on three core elements:

- Our proven Yugen technology is used to detect a person and his/her face by means of temperature in full respect of GDPR and other privacy norms.
- A proven proprietary sensor is used to extract the face temperature by means of the data provided by a Yugen sensor and an additional distance sensor.
- A proven proprietary AI algorithm is used to combine such data (temperature and distance) with external data in order to continuously adapt and refine the device measurement algorithm. Hence, making the measurement more and more precise for the condition under which it is used.



YugenFace: specifications



Model	YugenFace
Detection range	25cm to 90cm
Visual output	Green: normal skin temperature Yellow*: skin temperature likely higher than normal detected Red: abnormal skin temperature detected
Detection data	Distance, temperature
Detection algorithm	Proprietary adaptive and localized AI analysis
Interfaces	Two dry-contacts**
Supply	Provided 9v 1A
Case material	Painted metal (stand model), stainless steel (wall model)
Options	Strip down for wall integration**
Others	For optimal operation, the device requires internet connectivity and collection of temperature and distance data, from which no personal data can be inferred in full respect of GDPR and any other privacy norm

* Available after release of mobile app (January 2021)

** Enquire for option availability

