How ease is the installation?

It will be very easy. About 30 minutes is enough to install it. We are going to make two nuts available to fix the screws. This screw can come from the ATM fascia, or from a support tailored for the ATM.

As we will have a high number of variations in the different width measurements of the ATMs, a universal support will be very difficult to make. The best would be to make two screws available and before starting the installation the technician can analyze the best way to screw it.

Is there any consideration gone into the design re vandalism?

Regarding vandalism, the tube is protected by a metal grid, guaranteeing protection against intentional breakage.

To remove the product, they would have to have access to the screw. In principle this screw would come out from the fascia of the ATM. One will have to have access to the cashier's top box to remove the product. The tube is protected by the grid.

What is the estimated production delivery time for example 500 units?

Depends on getting the tubes on the market.

We have a local supplier for low quantities of tubes. We are evaluating with the possibility of handling with larger quantities. There are a few details that will have to be arranged for scale production.

I estimate that 500 units could be manufactured by us in 4 weeks. The thing is that we already have an order warning for 2000 units for Central America, with which we have to carefully analyze how we will cover total production.

How long does the UV light need to be on the surface to kill the bacteria/fungus/CoViD?

According to the manufacturer (https://www.osram.com/pia/airzing.jsp) for the elimination of the ATM surface (keyboard and screen) at the distance from the tube and taking into account the 8 wats of power of the same will be needed from 3 to 4 hours. This could be set between 1 am and 4 am every day.

Can the sanitization process be done for every customer? If so what's the time needed to disinfect

No. The time needed to disinfect 3 to 4 hours. The effectiveness sanitizing the ATM between customers would be almost zero. It was developed to replace the technician weekly visit for sanitization to a daily sanitization without person involved.

You mentioned as per Osram recommendation it takes 3 to 4 hours to disinfect the face of the ATM , the problem is if a customer uses it can be infected and would need another round of disinfection for the next customer

Yes. As explained in the previously answer, the main goal is to disinfect the ATM once a day.

I understood there is a sensor on the unit that turns it on and off if there is motion close by

Yes. It turns off the light if someone approaches the ATM during disinfection process.

The EU certification is for the whole unit or the Orsam light?

Only for the Osram light. The unit does not have any certification yet.

The power supply has to be taken from another source and not the ATM

The power supply can be taken from any 110V or 220V (factory configurator) power source. Due to its installation position, an ATM power supply if preferable, but one can connect it to another source if needed.