

UVC Sterilizer

Patent Number 10-0960216-00-00



ESCALATORS
AND MOVING WALKWAYS INSTALLATION FACILITY





Tempered glass type

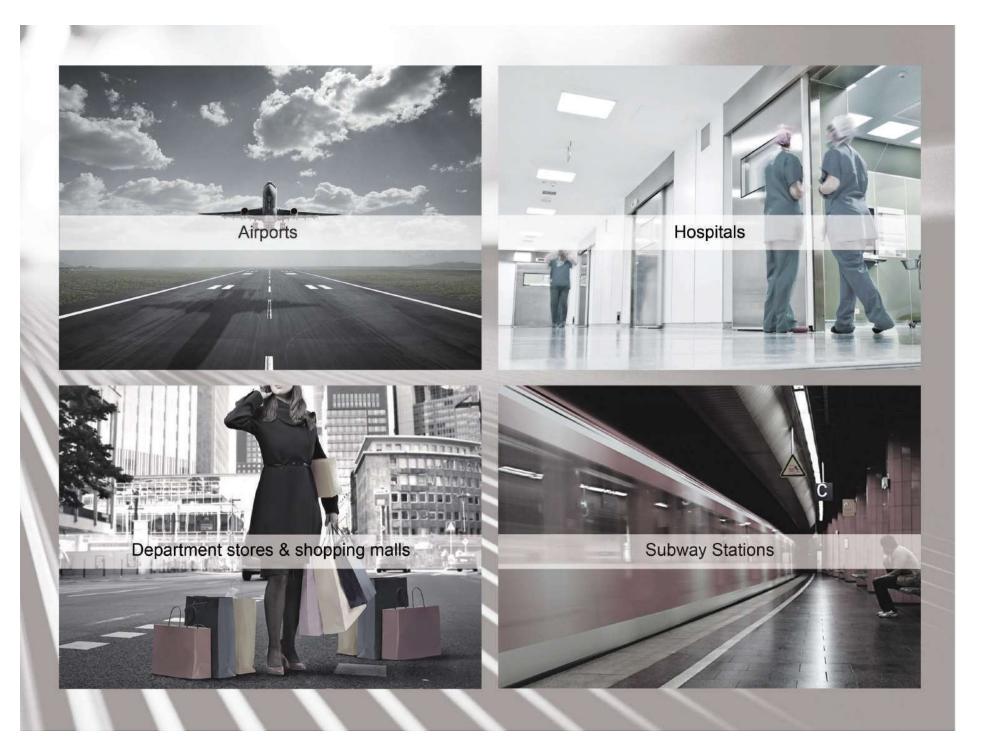
Such as Hospitals, Department Stores, Shopping Malls, Subway Stations etc.

It is installable <u>anywhere</u> as long as the escalators and moving walks are there.

Stainless steel type

External environment, such as a subway station.



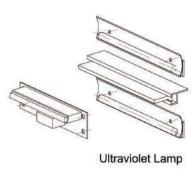


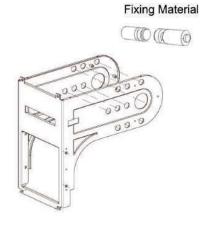


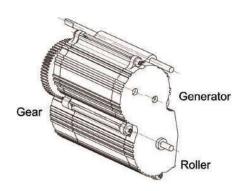


Simple cover design and device composed of a lamp, housing, and power supply.









'L' shape can protect the internal devices.

COVER

Sterilizes various types of bacteria that inhabits the handrail.

JLTRAVIOLET LAMP

It is engaged with a fixed frame of the handrail through the pressure.

HOUSING

Converts the rotational motion of the handrail into electricity.

POWER









Self-powered handrail UV sterilization device





Comparison between UV sterilization and other sterilization methods

	UV sterilization	Heat sterilization	Ozone sterilization	Chemical sterilization	Radio- sterilization
Sterilization of mycetoma	Effective against all	Effective against all	Effective against all mycetomas	Effective against specific	Effective against all
ysical property ange (Handrail)	Little change	Occasional	Occasional	Occasional	Little change
Permeability	No permeability (except air and water)	Effective even inside the object	Effective on the object surface	Effective even inside the object	Effective even inside the object
erilization time	Short	Considerably	Long	Considerably	Short
Usage	Easy	Occasionally	Difficult	Easy	Difficult