



# HYGIENIC APPLICATIONS

IMPLEMENTATION FOR PREVENTION AND DISINFECTION

HYGIENIC APPLICATIONS

## PREVENTION

Minimize the infection risk  
with touchless applications

## DISINFECTION

Surface disinfection  
with UV light

FROM PREVENTION TO DISINFECTION



## FOCUS PRODUCT



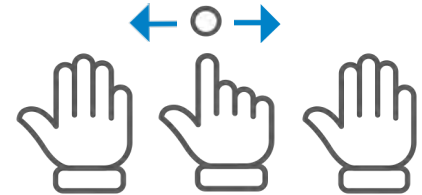
VLMU35XX SERIES  
UV-C Emitter

## APPLICATION POSSIBILITIES

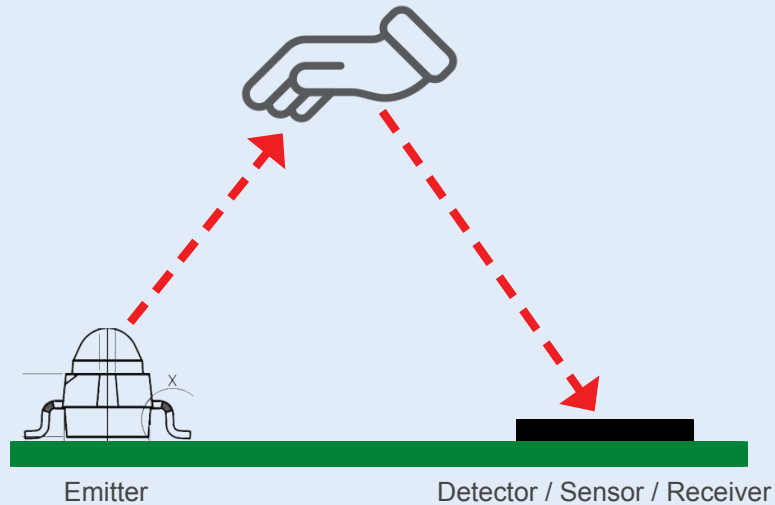
### Wake-Up Function / Switching



### Gesture Detection



## GENERAL WORKING PRINCIPLE

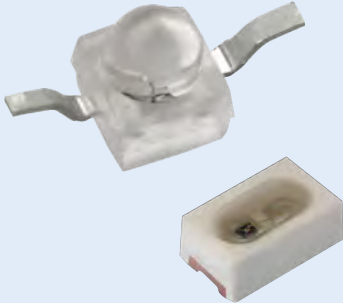


# Detection Range

## Discrete Solution

IR Emitter

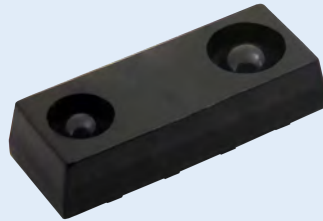
- [VSMY2xxx](#)
- [VSMY5xxx](#)



## Digital Proximity

VCNL Series  
Measurement range  
up to 1.5 m possible

- [VCNL4200](#)



## IR Emitter and IR Receiver

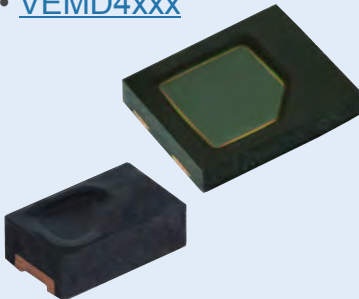
IR Emitter

- [VSMY2xxx](#)
- [VSMY5xxx](#)



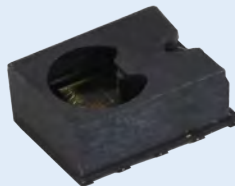
Photodetector

- [VEMD5xxx](#)
- [VEMD4xxx](#)



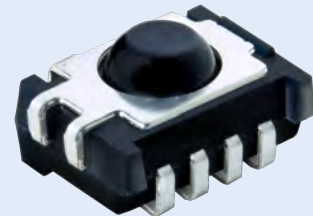
Low power consumption  
down to 5  $\mu$ A with our  
VCSEL-based sensors

- [VCNL368xx](#)



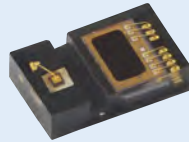
IR Receiver

- [TSSP Series](#)



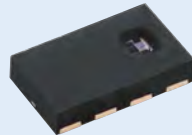
Low profile

- [VCNL36825T](#)



Gesture recognition

- [VCNL4035X01](#)



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