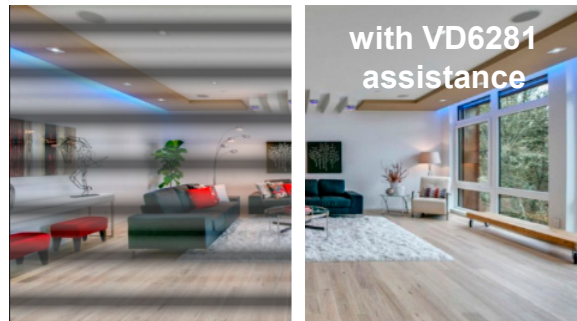
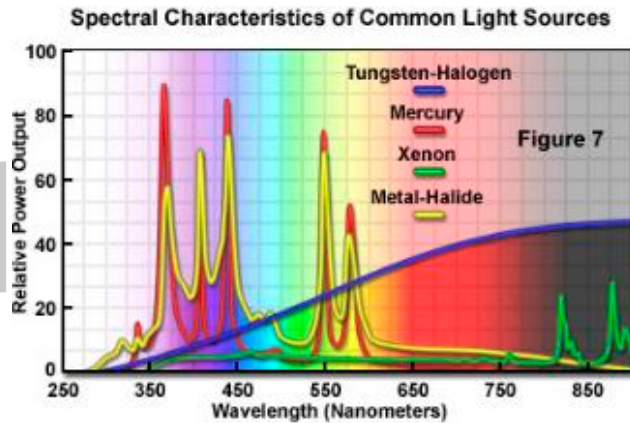
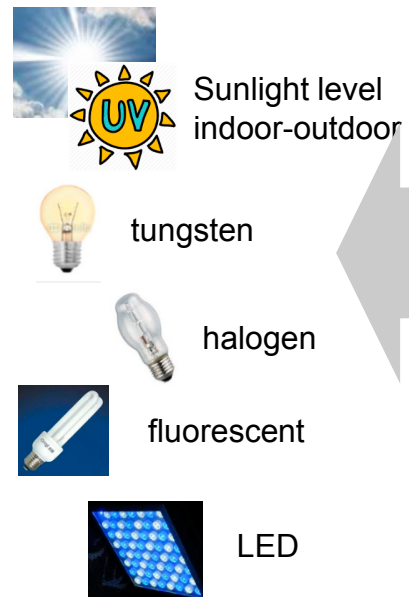


Smallest Multi-Spectral & Flicker Sensor

RGB-UV-IR spectral engine with light flicker frequency extraction



Smallest 5-channel sensor on the market
R – G – B – UV – IR
1.83 x 1.0 x 0.55mm, 6-pin module

Camera/ display White Balance Assist
("True tone" color)

Scene light AC frequency extraction
for camera "Flicker" management

Presence Detection

Based on ST FlightSense™ technology

The diagram illustrates the ST FlightSense™ Presence Detection system in standby mode. It features a central dark blue area with a laptop icon at the top left labeled 'Presence' and 'User detection based on ST FlightSense™ Time of Flight technology'. To the right, a 'FlightSense™' logo is shown above a USB-A to USB-C adapter and a circular sensor icon. Below this, a padlock icon is labeled 'Improved Security (immediate PC lock)'. At the bottom, a battery icon is labeled 'Power Saving (immediate PC standby)'. On the right side, a circuit board is shown with a line pointing to it, labeled 'USB - HID Biometric Sensors Windows support'. Below the circuit board, a small grey box contains the text 'Distance:' and 'User present:'. At the bottom of the diagram, a laptop icon is next to the text 'STANDBY MODE'.

Presence

User detection based on ST FlightSense™ Time of Flight technology

FlightSense™

Improved Security
(immediate PC lock)

Power Saving
(immediate PC standby)

USB - HID
Biometric Sensors
Windows support

Distance:
User present:

STANDBY MODE

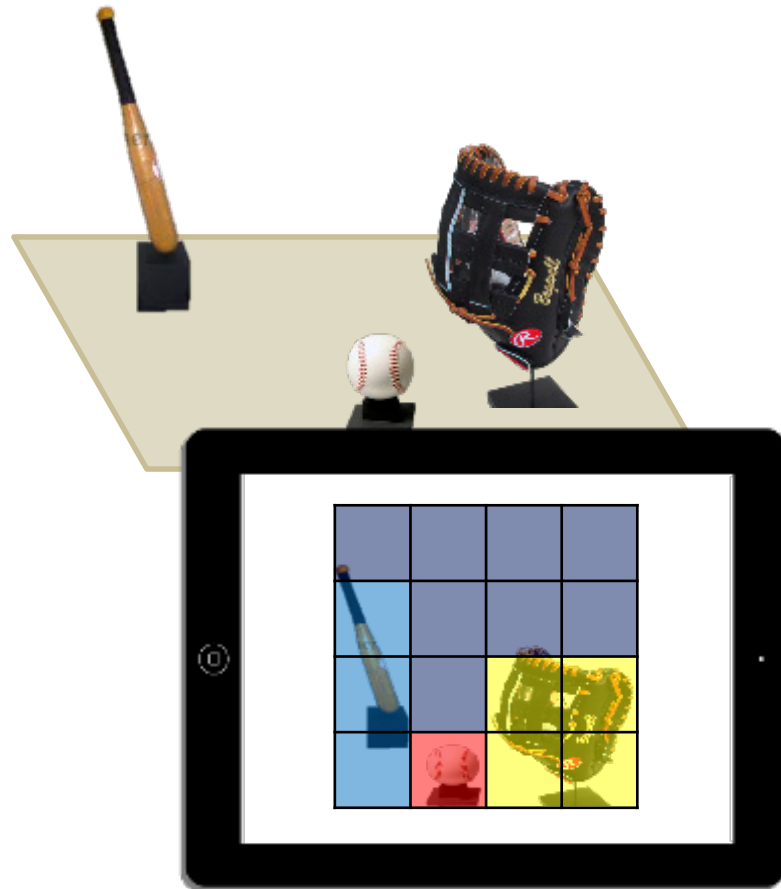
Instant wake-up or screen-off & lock

Reliable presence detection

Easy integration as USB biometric sensor

Multi-zone Scanning

3D Scanning & Camera Assist



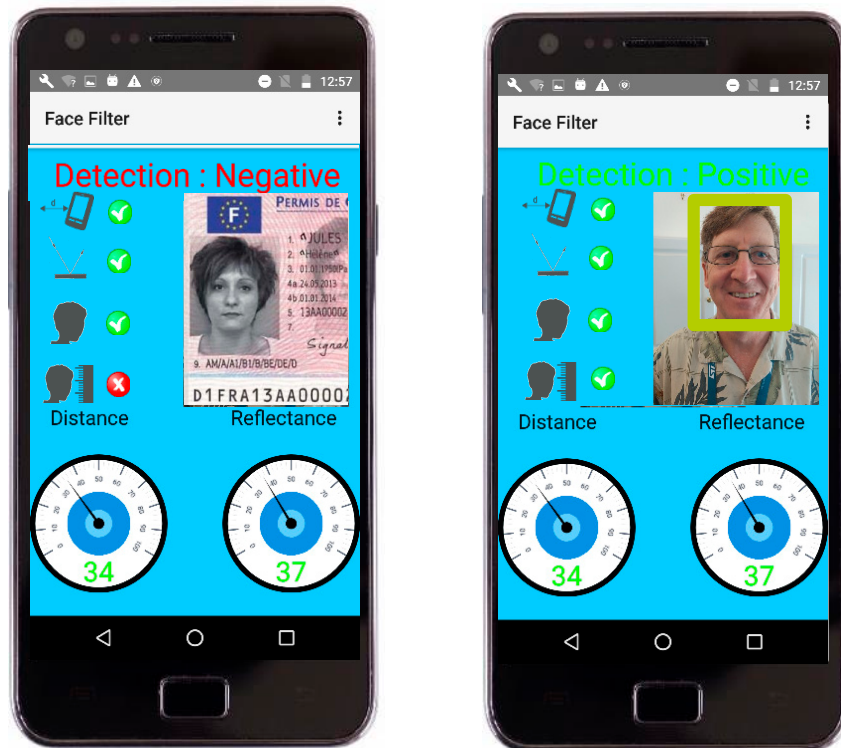
High speed multi-zone scanning

Distance measurement and multi-target detection in each zone

Cross talk free above 80cm

Face Identification

Differentiates a real face from a printout



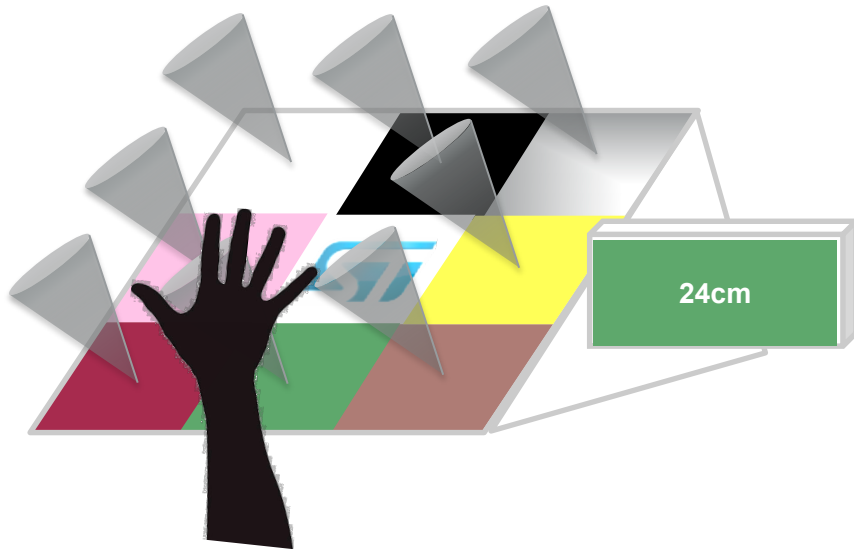
Improve security of camera-based solutions

Provide new information to improve existing face identification algorithms reliability

Improve anti-spoofing solutions

Proximity Sensor

Works behind camouflage film of any color



New flexibility for industrial designers

Fully invisible behind camouflage film

Up to 2m ranging capability