LZR
SIGMA

BEA

FRONT FACE | COUNTING HEAD | SURFACE MOUNTING BASE | SCREWS | OPENING TOOL
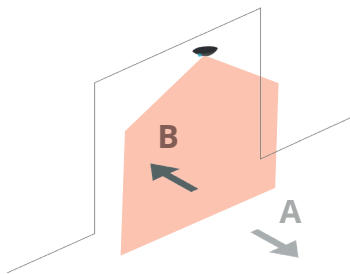
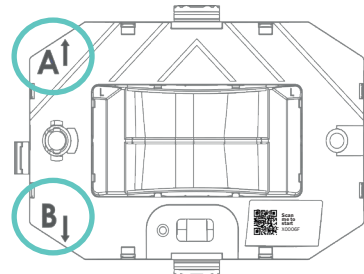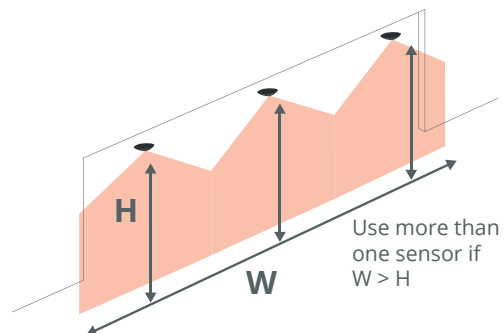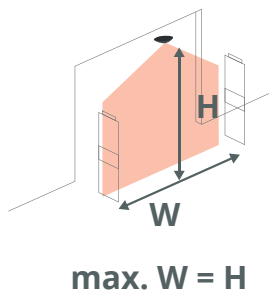PoE **OR** POWER SUPPLY **+** LZR SIGMA APP

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① Installation area

Sigma fits anywhere (doors, walls, ceilings).
Just make sure you place it overhead

Choose a direction for your flow of people
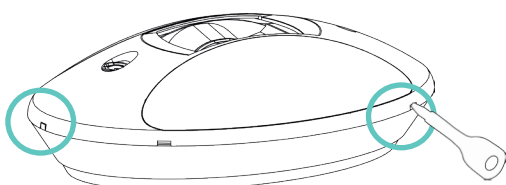(Tip : **A** towards the inside)

B

A

A↑

B↓

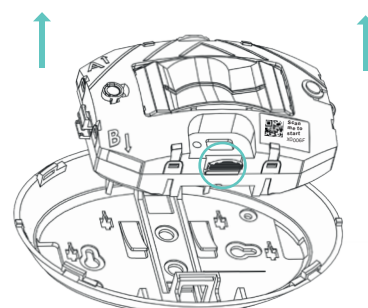Determine the width of the counting area to choose the number of sensors needed

H

W

max. W = H

H

W

Use more than
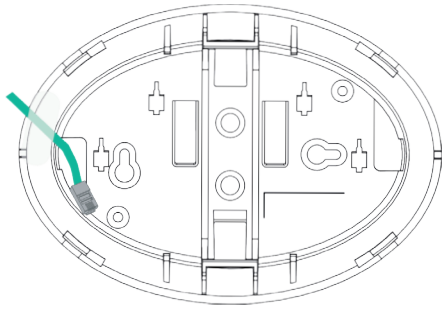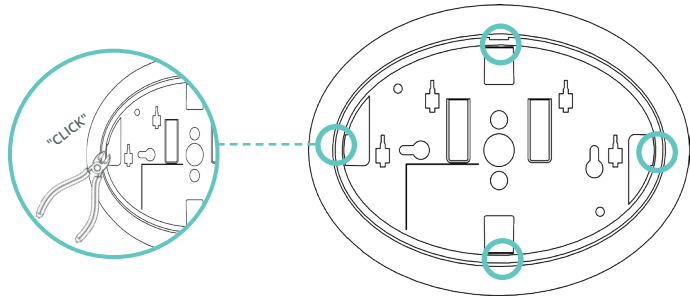one sensor if
W > H

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② Assembly

Open Sigma

Remove the counting head by unclipping it

Pass the cable through the base

If needed, you can remove a piece of the base with a tool to do so

"CLICK"

Fix the base on the ceiling
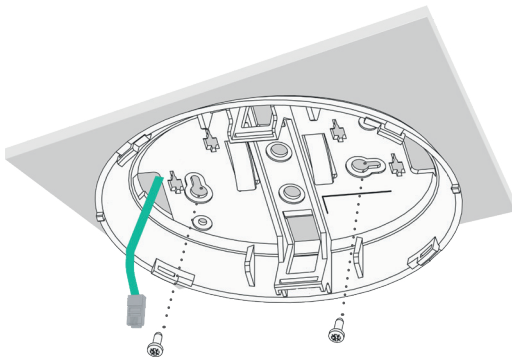
**Connect the cable to the counting head.
Clips the counting head to the base and close Sigma**

"CLICK"

"CLICK"
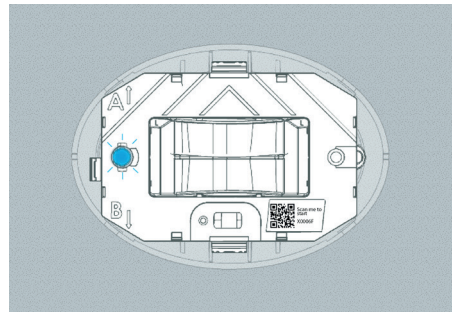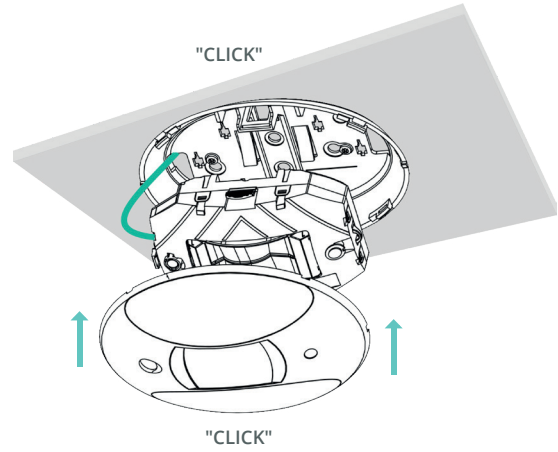
◆ Searching for network (0 - 5 min.)

● Connected to the network

③ Mobile App

Scan the QR Code (on the device or on the box) or download the **LZR Sigma app** on:

OR

GET IT ON
Google Play

Download on the
App Store

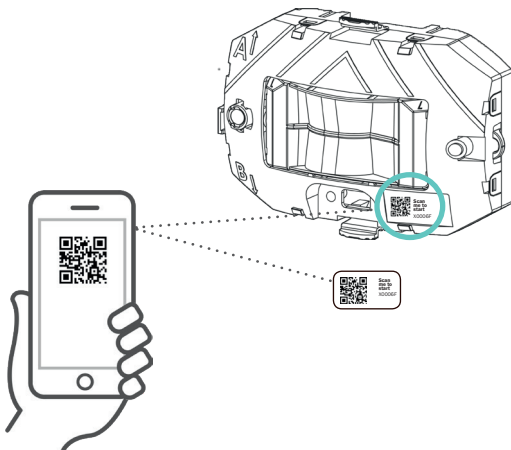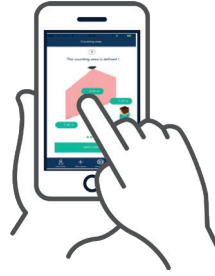**Open and follow the app to complete the installation.**

**Discover
all of Sigma's features!**

> www.meetsigma.io

Other information

ONLINE DEVICE MANAGER
Go to www.sensorio.com to
manage your portfolio of sensors.

WEB SERVER
Static IP adress : 192.168.1.2
  User name: user
  Password: password

Understanding Sigma

LED signal	Cause	Action
☀	Updating	Connection to the device is impossible Wait for update completion
⊕	Searching for network	The device is connecting to the network
○	No internet connection	The ethernet configuration is wrong or no cellular network is available Check the network connection
●	Communicating with the app or with sensorio. Connected to the network	The device is communicating
⊖	Learning	Define the max. limit on your right or left
●	Error	If this occurs, please contact BEA.

Technical Specifications

Technology	LASER scanner, time-of-flight measurement
Emission characteristics - IR LASER	Wavelenght 905 nm; max. output pulse power 25 W; Class 1
Device dimensions	200 mm [L] x 142 mm [W] x 61 mm [H] (elliptical) (if mounted with ceiling accessory : visible height 37 mm, invisible height 65 mm)
Temperature range	- 25° C to 55°C if powered (storage temperature -35°C to +70°C)
Humidity	0 - 95% non-condensing
Power	External DC power or PoE (IEEE802.3af) Power consumption Max. 12 W/Peak - Average 6 W
Data transfer	3G/2G cellular, Ethernet
Ports	MQTTS 883 / HTTPS 443 / SFTP 22
Installation height	2 m to 5.5 m
Counting width coverage	Equivalent to mounting height (ratio 1:1)
Video validation (optional feature)	Resolution 160px x 120px, frame rate 15 fps (for counting proof purposes only)
Counting data refresh rate	15 min. to 24h
Counting data granularity	5 min.
Level of access on Sensorio	4

BEA