Interactive Collection.

PRODUCT CATALOG 2020

OUTFORM™
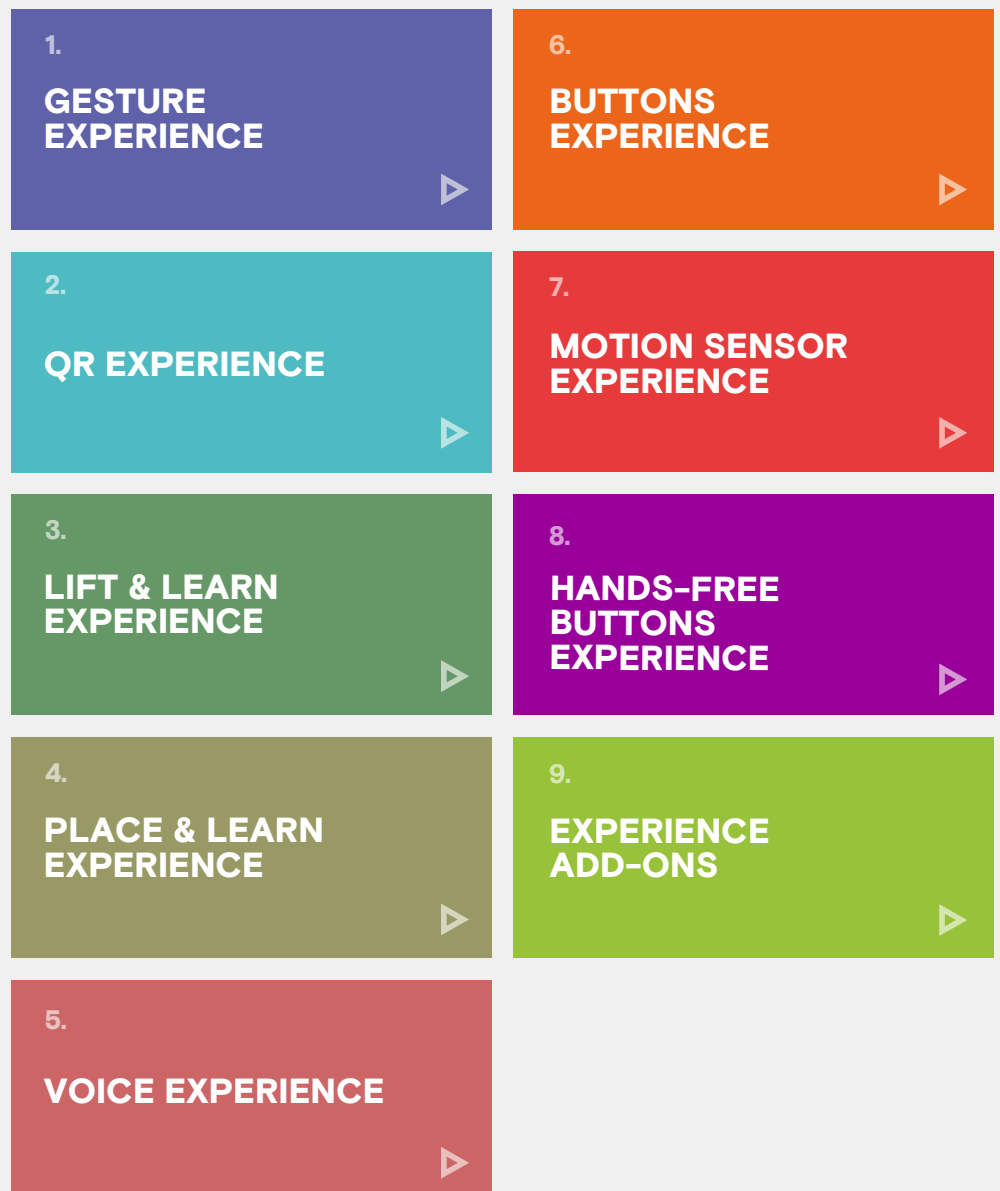
Interactive Collection.

THE INTERACTIVE COLLECTION

The Interactive Collection gives integrators, display builders, retailers, and brands the creative tools and building blocks needed to bring leading retail innovation to life. Catering to the specific needs of the modern day shopper, retailers can develop bespoke solutions with systems as simple as plug and play, or drag and drop.

Outform's Interactive Editor is a software that can be thought of like a foundation, and the Standard Modules like building blocks. The main Standard Module, or the Control Center acts like a brain, connecting the different Standard Modules needed to create the experience. By dragging and dropping the desired retail display functions into the Interactive Editor, a custom interaction is created which can be downloaded to a USB and connected to the Control Center.

No matter the pairing between Standard Modules, the Interactive Collection will deliver seamless, and customized experiences. The unique configurations that can be created will engage the shopper and open the door for further product discovery. By adapting to the new normal of retail, the Interactive Collection accommodates several opportunities for hands- free product discovery. The Interactive Collection is exciting, encourages play and curiosity, and couples technology with retail experiences that shoppers now demand.

|	
1. **GESTURE EXPERIENCE** ▷	**6.** **BUTTONS EXPERIENCE** ▷
2. **QR EXPERIENCE** ▷	**7.** **MOTION SENSOR EXPERIENCE** ▷
3. **LIFT & LEARN EXPERIENCE** ▷	**8.** **HANDS-FREE BUTTONS EXPERIENCE** ▷
4. **PLACE & LEARN EXPERIENCE** ▷	**9.** **EXPERIENCE ADD-ONS** ▷
5. **VOICE EXPERIENCE** ▷	

GESTURE EXPERIENCE

AN INTERACTIVE HANDS-FREE EXPERIENCE

By simply waving their hand, shoppers can control the entire display experience. By re-thinking how a shopper can interact with products, we have created a touch free option that integrates hand gestures as a new command language. To draw users in, the experience features a responsive illumination tool that gets brighter as users approach the gesture sensor. Users can lower their hand over the sensor to activate, left to right to raise or lower volume, or front to back to change tracks. Catering to the modern day shopper, this experience eliminates concern about touching public surfaces, while still providing an interactive retail experience.
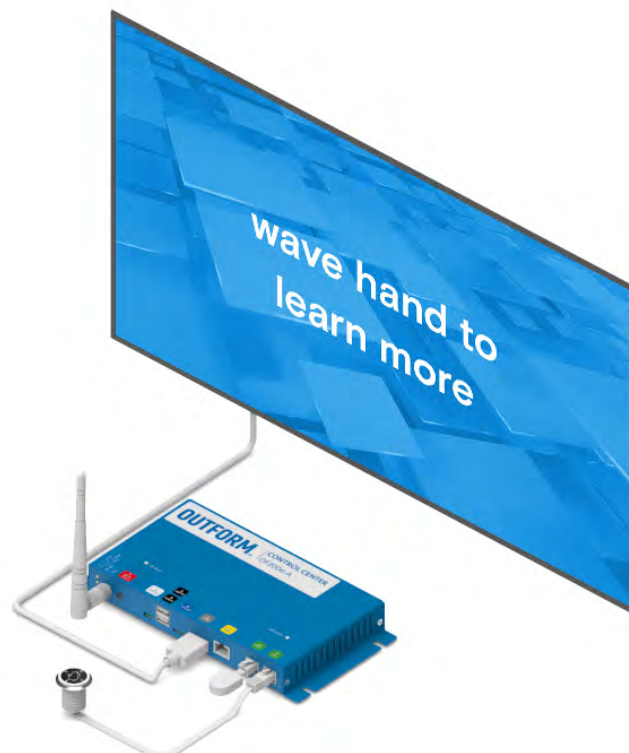
GESTURE EXPERIENCE

HANDS- FREE TECHNOLOGY
The Gesture Experience gives shoppers the opportunity to learn about products without the need to touch the display surface.

SAFE RETAIL
To adapt to an evolving retail landscape, users can avoid touching public surfaces by simply waving their hand to trigger any interaction.
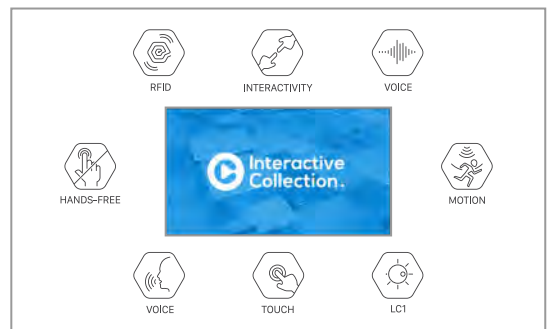

CUSTOMIZABILITY
Gestures can be customized and modified during the display development.

MODULAR
The Interactive Collection is comprised of a variety of Outform Standard Modules (OSM) which communicate by way of ODC protocol. ODC protocol enables a dynamic eco-system by which multiple OSMs can interact and trigger relevant experiences.

INTERACTIVITY
By combining this experience with different sensors and triggers, this experience can support a combination of user interactions such as touch, voice, motion, and many more.

WOW EFFECT
Surprise shoppers by detecting their movements.

HANDS-FREE
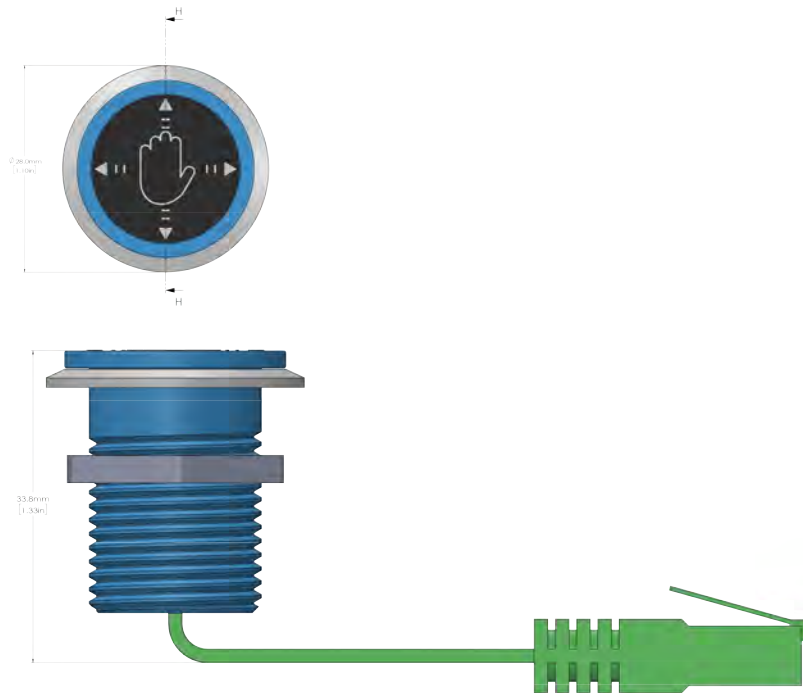The Gesture Experience gives shoppers the opportunity to learn about products without touching display surfaces.

OIE
Outform Interactive Editor gives you the tools to create your own experiences with ease using Control Center configuration

PRODUCT SIZE

DETECTION RANGE
5-2OCM

NUMBER OF RECOGNIZABLE GESTURES
5

VISUAL FEEDBACK
WHITE LED LIGHT

INTERFACE
RJ25 CABLE

OPERATING TEMPERATURE
-2O-7OC

OPERATING VOLTAGE
12V

POWER CONSUMPTION
2.81MA

CABLE LENGTH
O.7 METER

CERTIFICATIONS
CE, FCC, ROHS

FAQ

HOW MANY GESTURES CAN THE GESTURE EXPERIENCE SUPPORT?
The Gesture sensor can support up to 5 different gestures: Left/Right, Back/Forth, Down

WHAT IS THE DETECTION RANGE OF THE GESTURE SENSOR?
The detection range is 20cm – 80cm.

HOW MANY GESTURE SENSORS CAN 1 SYSTEM SUPPORT?
As many as needed. The Interactive Collection is designed to add any number of sensors and triggers to any experience.

CAN THE GESTURE EXPERIENCE HELP TO SAVE ENERGY?
Yes, we can program the Gesture Experience to switch on and off any screen or adjust to a product that does not need to work when there is no interactivity.

CAN THE GESTURE SENSOR REPLACE AN EXISTING PHYSICAL BUTTON ON AN EXISTING SYSTEM?
Yes, since the system is modular and updatable, gesture sensors can replace existing triggers, or be added to an existing system.

CAN THE MOTION SENSOR AND THE GESTURE SENSOR WORK TOGETHER ON THE SAME SYSTEM?
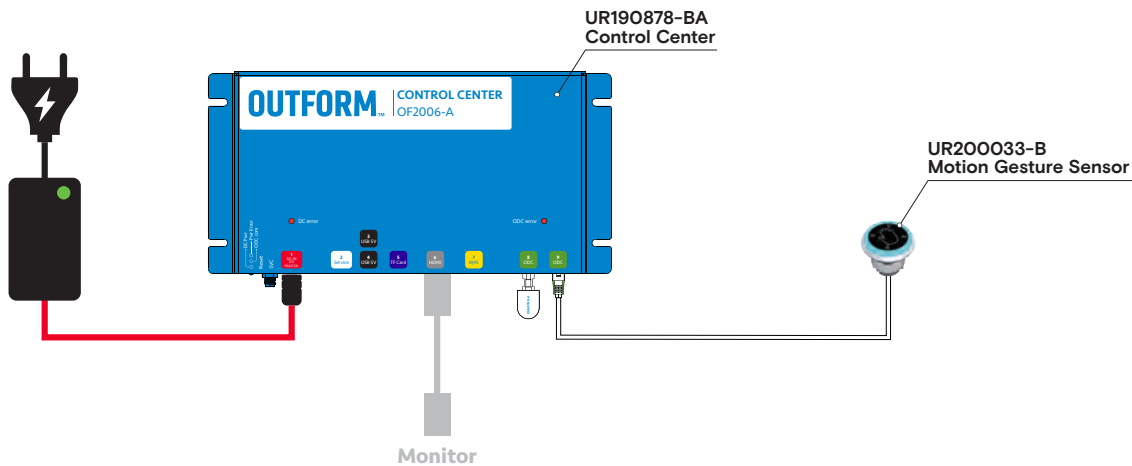Yes, add as many sensors as you need to one system.

GESTURE SENSOR
UIC1001-01

Use the gesture sensor to create a hands-free experience that can capture and interpret up to 5 custom hand gestures.
Click here to watch the OIE build tutorial.

UR190878-BA
Control Center

UR200033-B
Motion Gesture Sensor

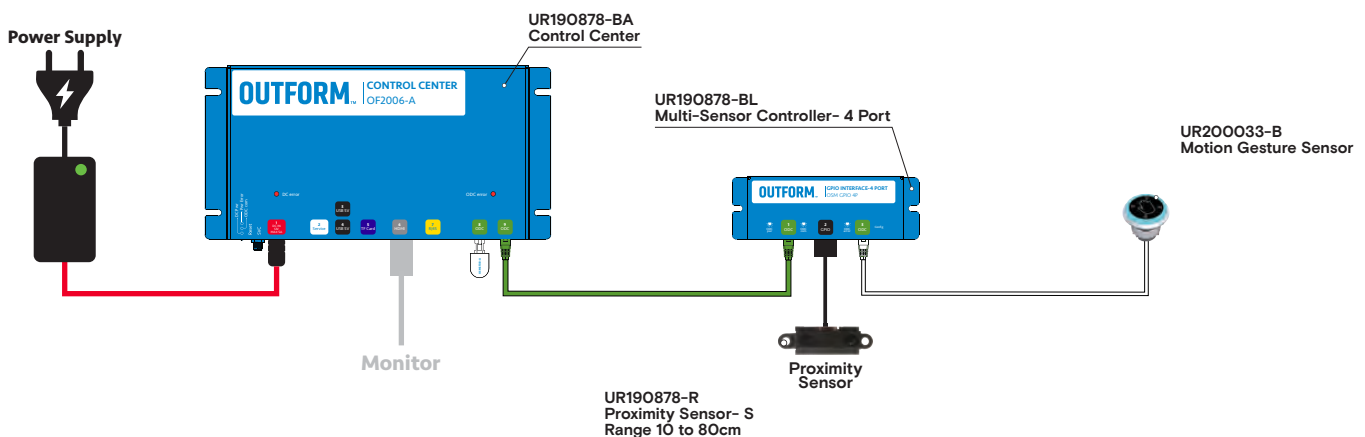**OUTFORM** | CONTROL CENTER OF2006-A

Monitor

GESTURE SENSOR + MOTION SENSOR
UIC1002-01

Use the gesture sensor to create a hands-free experience that can capture and interpret up to 5 custom hand gestures. Add the motion sensor to create custom triggers as users approach the display.
Click here to watch the OIE build tutorial.

Power Supply

UR190878-BA
Control Center

UR190878-BL
Multi-Sensor Controller- 4 Port

UR200033-B
Motion Gesture Sensor

OUTFORM | CONTROL CENTER OF2006-A

OUTFORM | GPIO INTERFACE-4 PORT

Monitor

Proximity Sensor

UR190878-R
Proximity Sensor- S
Range 10 to 80cm

AC CABLE	USB CABLE
12V DC CABLE	HDMI CABLE
ODC RJ25 CABLE	GPIO CABLE
AUDIO CABLE	RFID CABLE

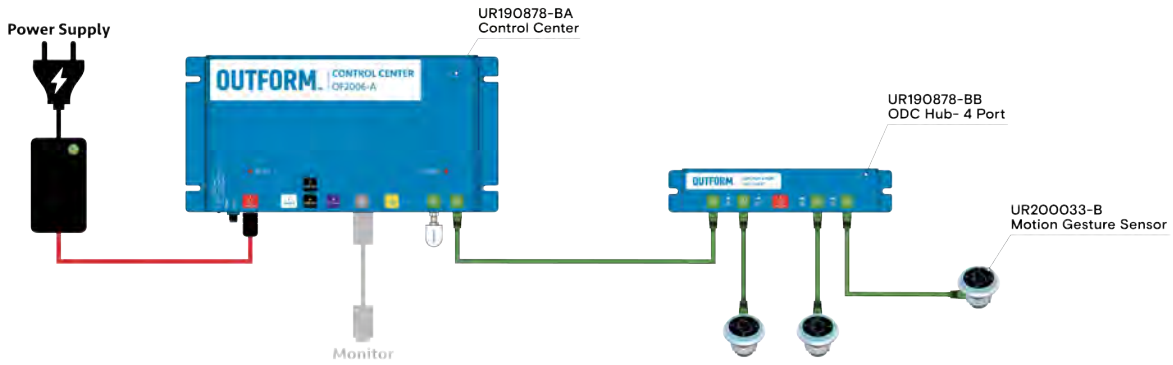|	AC CABLE		USB CABLE
	12V DC CABLE		HDMI CABLE
	ODC RJ25 CABLE		GPIO CABLE
	AUDIO CABLE		RFID CABLE

MULTIPLE GESTURE SENSORS
UIC1003-01
Add multiple gesture sensors to your experience to control various devices within the display.
Click here to watch the OIE build tutorial.

Power Supply

UR190878-BA
Control Center

UR190878-BB
ODC Hub- 4 Port

UR200033-B
Motion Gesture Sensor

OUTFORM | CONTROL CENTER OF2006-A

OUTFORM

Monitor

QR EXPERIENCE

PUT THE EXPERIENCE BACK IN THE SHOPPER'S HANDS

As mobile commerce becomes more widely adopted amongst consumers, the QR experience's design brings that familiar shopping habit into brick and mortar retail. The QR experience was created to put control back into the hands of shoppers in the retail environment. By simply scanning a QR code with their mobile device, users' phones are instantly transformed into remote controls that can be used to activate a variety of features on any retail display. This hands-free solution considers the modern retail landscape and allows users to interact with products, and trigger product information without touching any display surfaces.
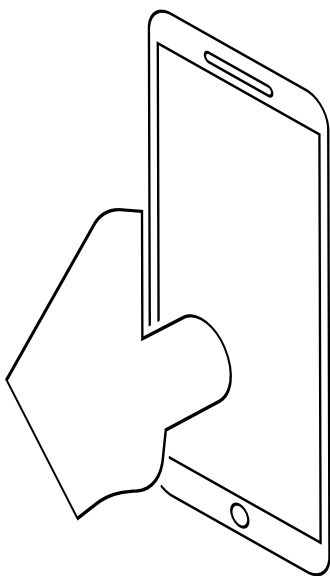
QR EXPERIENCE

SAFE RETAIL

To adapt to an evolving retail landscape, users can avoid touching public surfaces by simply scanning a QR code with their mobile device. Instantly, users' phones are transformed into remote controls.

MOBILE ASSISTED INTERACTION

With the ability to control on-screen content, make a contactless payment or simply view product information, this experience allows shoppers to personalize their own retail experience using their mobile devices without downloading an app.

MODULAR

The Interactive Collection is comprised of a variety of Outform Standard Modules (OSM) which communicate by way of ODC protocol. ODC protocol enables a dynamic eco-system by which multiple OSMs can interact and trigger relevant experiences.

INTERACTIVITY
By combining this experience with different sensors and triggers, this experience can support a combination of user interactions such as touch, voice, motion, and many more.

QR CODE
Advanced offline speech processing to deliver optimal retail experiences.

HANDS-FREE
The QR experience gives shoppers the opportunity to learn about products without the need to touch the display surface.

OIE
Outform Interactive Editor gives you the tools to create your own experiences with ease using Control Center configuration

FAQ

DOES IT WORK WITH BOTH ANDROID AND IPHONE?
Yes, the technology supports both systems.

DO I NEED TO BE CONNECTED TO INTERNET TO USE THE QR EXPERIENCE?
No, the experience creates an off-line connection between mobile and the control center, however the mobile WiFi needs to be on.

DO I NEED TO DOWNLOAD ANY APPLICATION TO USE THE QR EXPERIENCE?
No special download is needed.
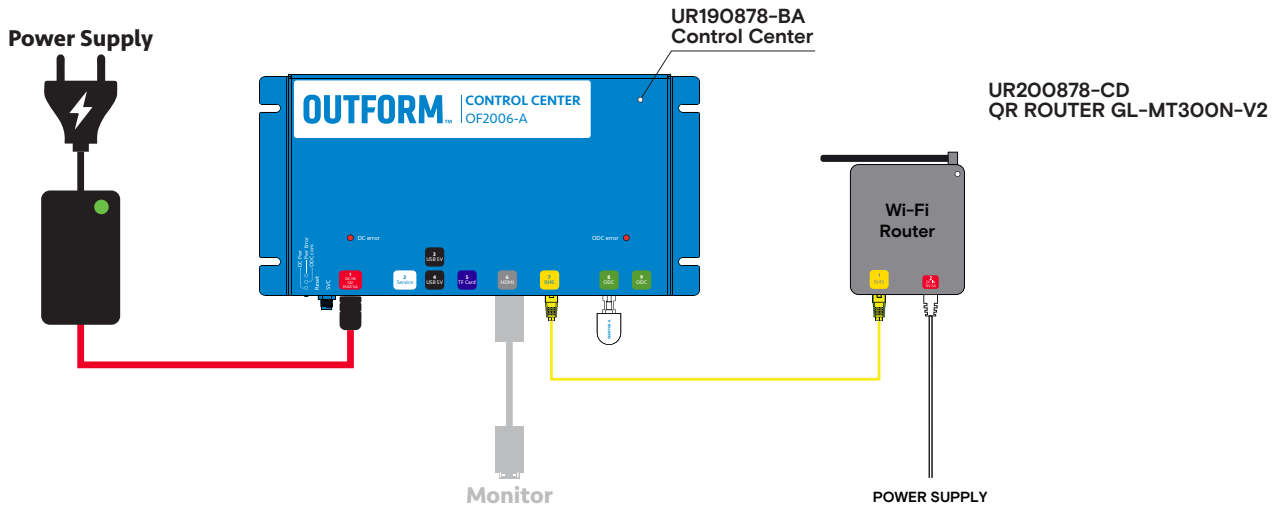
HOW DO I DISCONNECT FROM THE SERVICE?
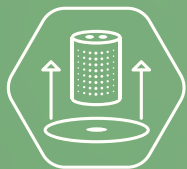The connection will be automatically lost after 10 seconds of no interaction.

QR EXPERIENCE

UIC2001-01

Instantly transform user's phones into remote controls with the QR Experience.

Power Supply

**UR190878-BA
Control Center**

OUTFORM™ | **CONTROL CENTER** OF2006-A

DC error   ODC error

**UR200878-CD
QR ROUTER GL-MT300N-V2**

**Wi-Fi
Router**

Monitor

POWER SUPPLY

LIFT & LEARN EXPERIENCE

A UNIQUE PRODUCT DISCOVERY EXPERIENCE

With Lift & Learn, we considered how shoppers naturally interact with products. In this case, simply picking up the product adds a new layer of interaction to the shopper's journey. By simply lifting merchandise, users trigger on-screen information to display relevant content about the product they are holding. Product information can be customized to emphasize any key features such as price, size, calories, similar products, etc. The experience also creates opportunities to gain additional shopper engagement metrics by capturing relevant data such as popular merchandise.
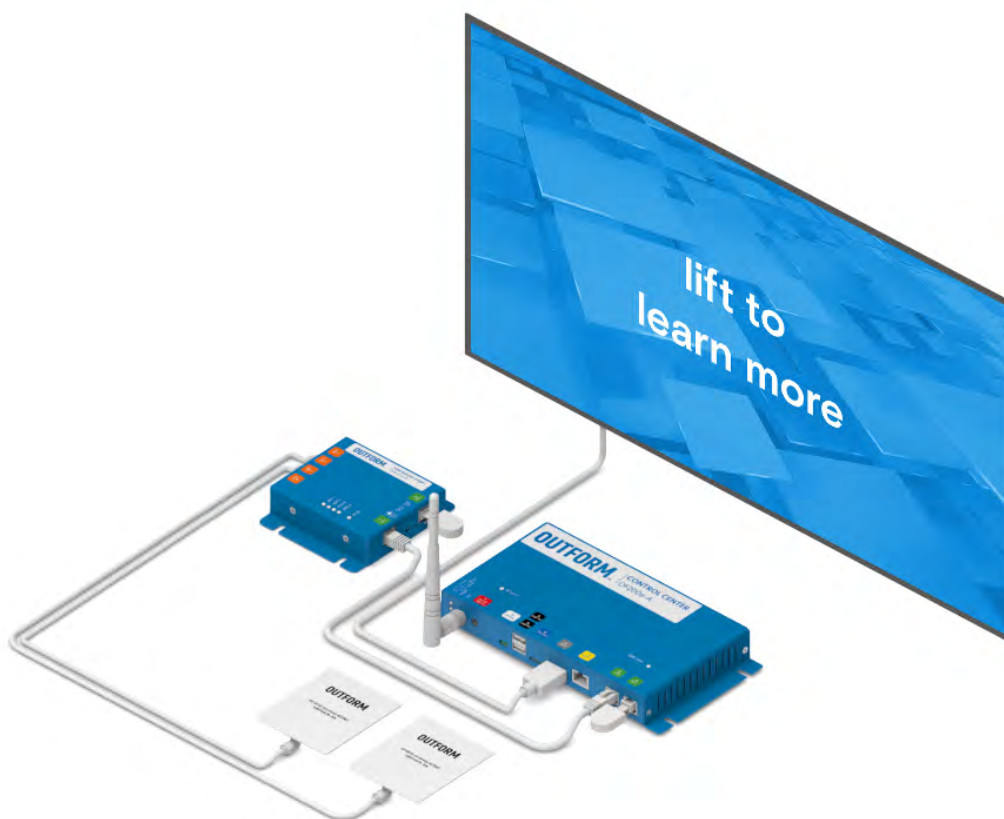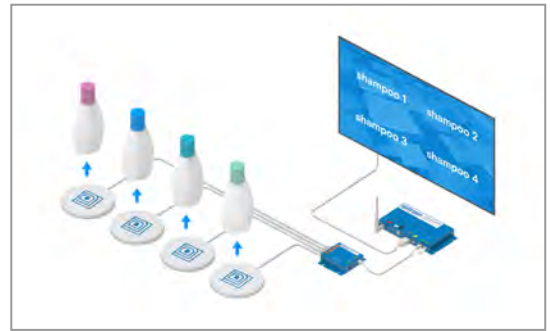
LIFT & LEARN EXPERIENCE

4 TAG SIMULTANEOUS DETECTION
The RFID reader can recognize up to four items lifted and placed at the same time. This feature allows for multiple users to engage with the experience at once, and also facilitates product comparison.

AVAILABLE IN THREE SIZES
Our RFID Receivers make adding, removing, and rearranging product displays easier than ever before. To meet the changing requirements of dynamic displays, Lift and Learn is available is 3 standard sizes: 100 x 100mm, 60 x 60mm and 25 x 25mm.
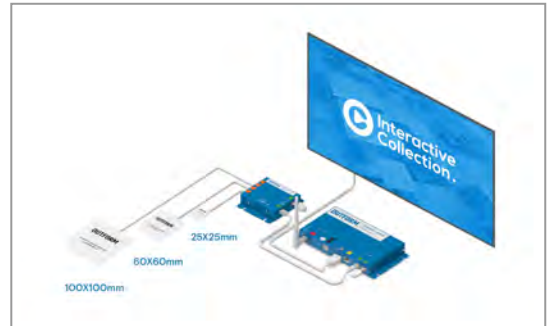
COMPATIBLE WITH MOST SURFACES
Our state of the art RFID module was built to broadcast through the most commonly used materials and surfaces (with the exception of metallic materials).

MODULAR
Periodic updates are key in keeping shoppers engaged and excited about your product. For this reason, we designed Lift & Learn to be adaptable to simple upgrades and experience developments.

INTERACTIVITY
By combining this experience with different sensors and triggers, this experience can support a combination of user interactions such as touch, voice, motion, and many more.
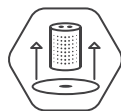
LIFT & LEARN
Advanced offline speech processing to deliver optimal retail experiences.

RESPONSIVE PRODUCT RECOGNITION
Because the product is tagged with a specific RFID tag, the product can be lifted and placed on any pedestal and will be correctly recognized.
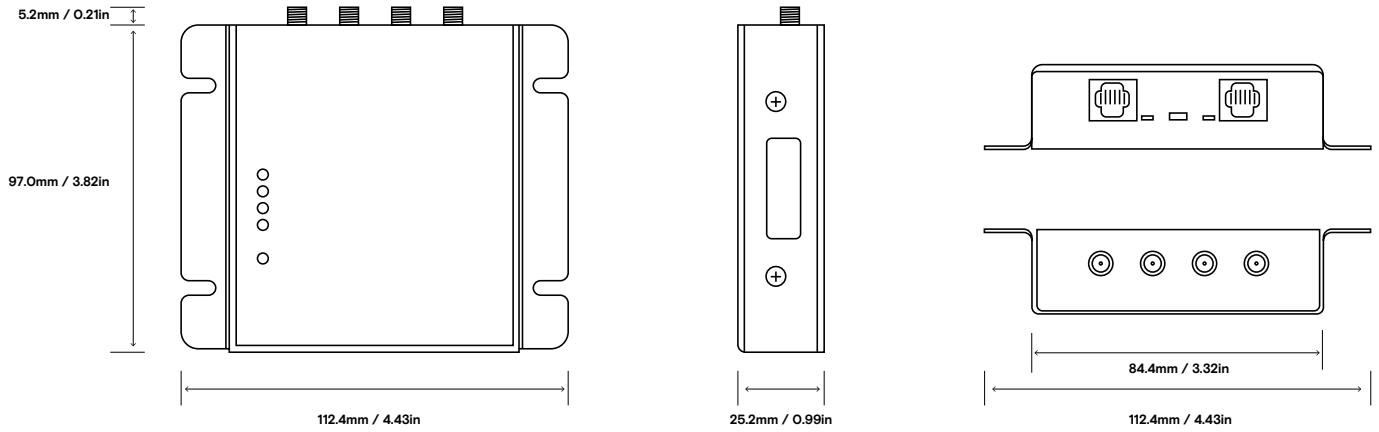
RFID TAGS
The system supports up to 1000 tag ID's.

OIE
Outform Interactive Editor gives you the tools to create your own experiences with ease using Control Center configuration

PRODUCT SIZE

FREQUENCY RANGE	
	13.56MHZ (HF RFID)

CHANNEL (ANTENNA) QUANTITY	
	4; CONFIGURATION OF ACTIVE ANTENNAS IN ANY ORDER

SUPPORTED TAG PROTOCOLS	
	ISO15693
	ISO14443A/B

ANTENNA SIZES	
	25X25MM
	60X60MM
	100X100MM

INTERNAL MEMORY	
	16000BYTES (128KBIT)

ODC POWER	
	VOLTAGE RANGE: DC 10-20V
	MAX UNIT POWER CONSUMPTION: 1.3W

EDS PROTECTION	
	ODC DATA LINES: IEC 61000-4-2, LEVEL 4 (ESD)
	ANTENNA PORTS: MIL-STD-883 METHOD 3015.7
	ODC POWER LINE: IEC61000-4-2
	ODC POWER LINE: IEC61000-4-2 3015.7

FAQ

HOW CAN RFID COMMANDS BE CHANGED?
RFID interactivity can be designed and updated using the Outform Interactive Editor.

HOW MANY RFID TAGS CAN ONE LIFT & LEARN SYSTEM READ?
The Lift & Learn Experience is designed to support up to 1000 tags.

HOW MANY RFID TAGS CAN ONE RFID RECEIVER READ AT A TIME?
One RFID Receiver can read up to four tags at a time.

WHAT IS THE DIFFERENCE BETWEEN RFID BASED AND MAGNET SENSOR BASED LIFT & LEARN EXPERIENCES?
The magnet sensor supports one piece of content in a single location, while the RFID can support a variety of content in more than one location.
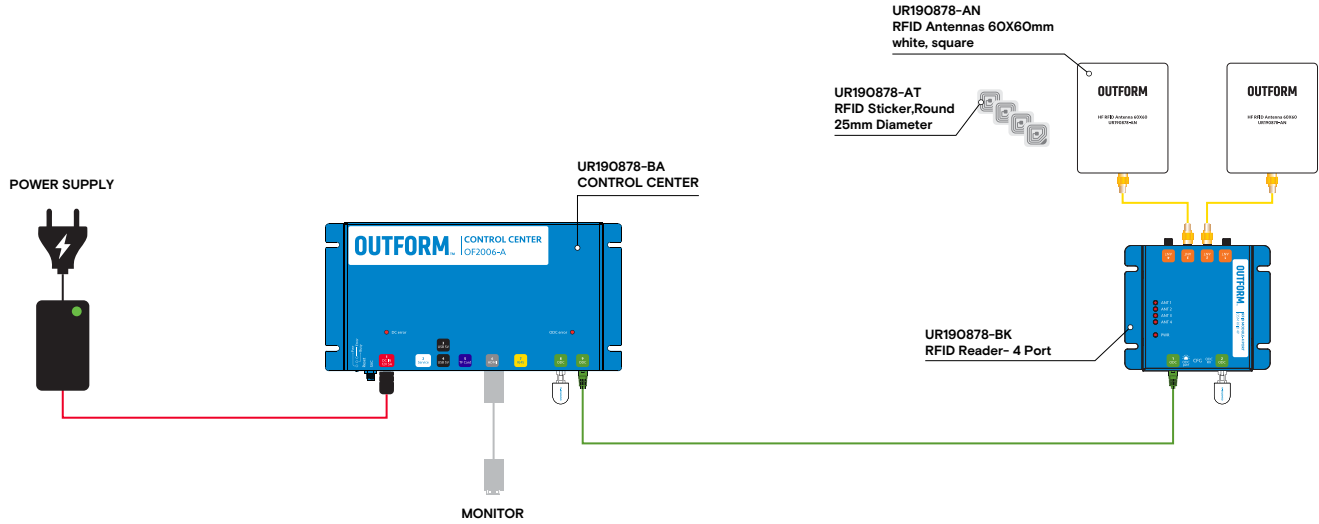
RFID CONTROLLER + 2 ANTENNAS

UIC3001-01

The RFID Kit with 2 antennas allows for 2 products to be lifted at the same time.

Click here to watch the system build tutorial.

Click here to watch the OIE build tutorial.

UR190878-AN
RFID Antennas 60X60mm
white, square

UR190878-AT
RFID Sticker,Round
25mm Diameter

POWER SUPPLY

UR190878-BA
CONTROL CENTER

OUTFORM | CONTROL CENTER
OF2006-A

UR190878-BK
RFID Reader- 4 Port

MONITOR
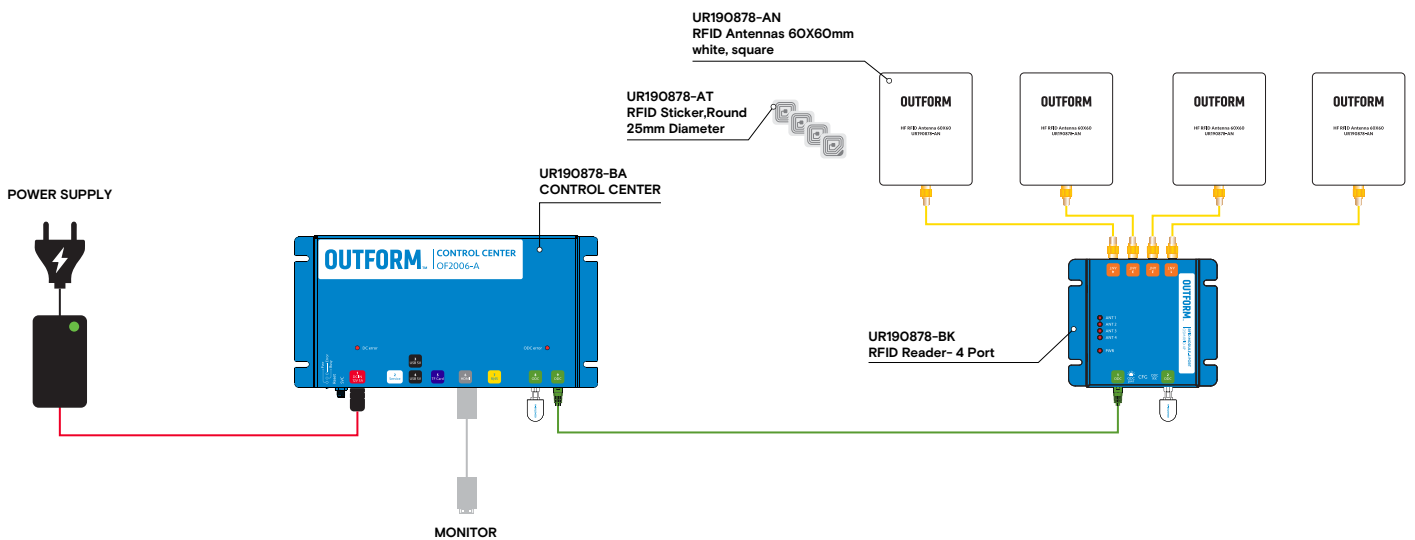
RFID CONTROLLER + 4 ANTENNAS

UIC3002-01

The RFID Kit with 4 antennas allows for 4 products to be lifted at the same time.

Click here to watch the system build tutorial.

Click here to watch the OIE build tutorial.

UR190878-AN
RFID Antennas 60X60mm
white, square

UR190878-AT
RFID Sticker,Round
25mm Diameter

POWER SUPPLY

UR190878-BA
CONTROL CENTER

OUTFORM | CONTROL CENTER
OF2006-A

UR190878-BK
RFID Reader- 4 Port

MONITOR

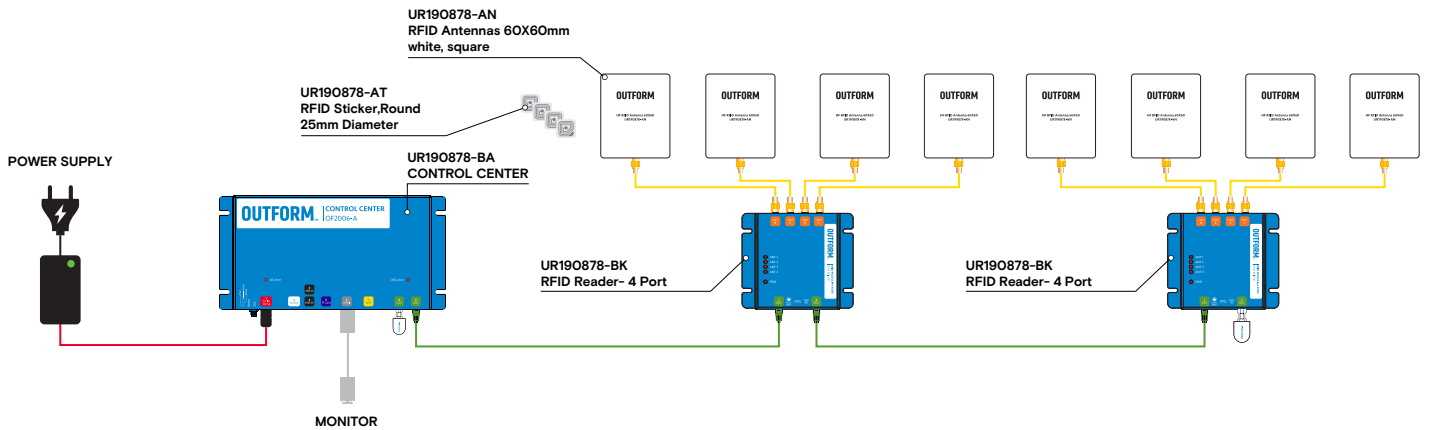|			
AC CABLE		**USB CABLE**	
12V DC CABLE		**HDMI CABLE**	
ODC RJ25 CABLE		**GPIO CABLE**	
AUDIO CABLE		**RFID CABLE**	

RFID CONTROLLER + 8 ANTENNAS
UIC3003-01
The RFID Kit with 8 antennas allows for 8 products to be lifted at the same time.
Click here to watch the system build tutorial.
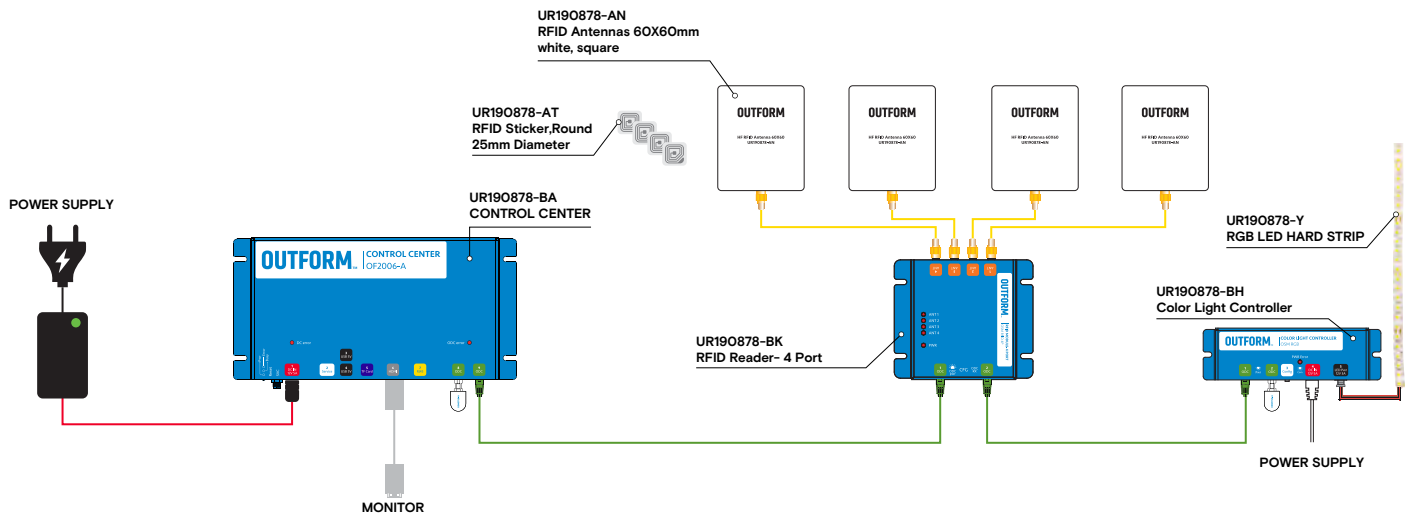**Click here** to watch the OIE build tutorial.

RFID CONTROLLER + 4 ANTENNAS + RGB CONTROLLER
UIC3004-01
The RFID Kit with 4 antennas allows for 4 products to be lifted at the same time. By adding the RGB light controller, retailers can designate corresponding colors for specific products for a more dynamic experience.
Click here to watch the system build tutorial.
Click here to watch the OIE build tutorial.

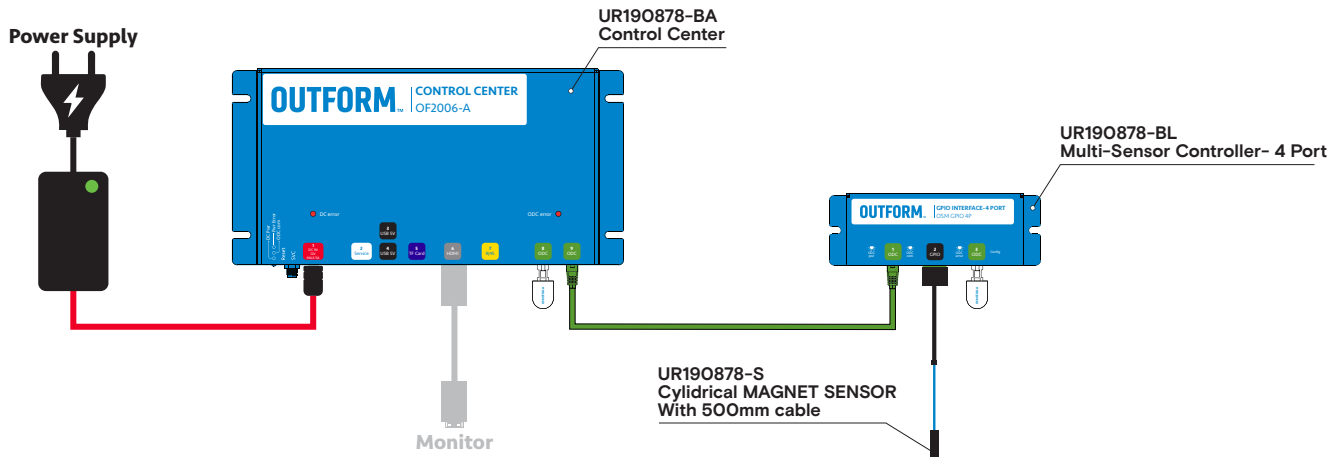|	
AC CABLE	USB CABLE
12V DC CABLE	HDMI CABLE
ODC RJ25 CABLE	GPIO CABLE
AUDIO CABLE	RFID CABLE

MAGNET SENSOR
UIC3OO6-O1

By creating the Lift & Learn experience with magnet sensors, retailers can highlight an individual product without using RFID tags or sensors.

Click here to watch the OIE build tutorial.

Power Supply

UR19O878-BA
Control Center

UR19O878-BL
Multi-Sensor Controller- 4 Port

UR19O878-S
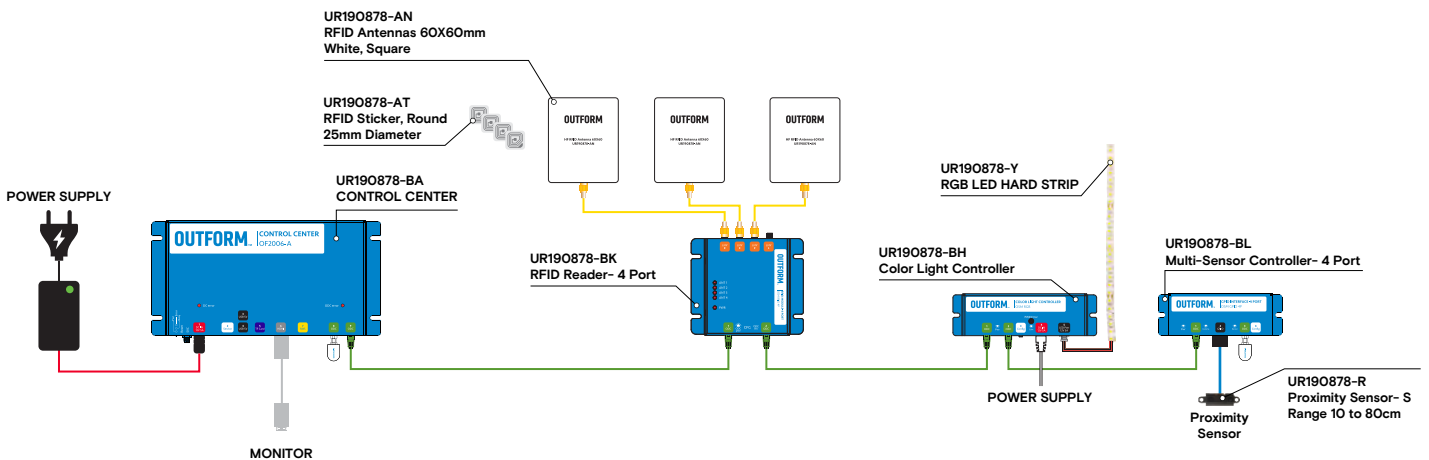Cylidrical MAGNET SENSOR
With 500mm cable

Monitor

RFID CONTROLLER + 3 ANTENNAS + RGB CONTROLLER + MOTION SENSOR
UIC3OO5-O1

The RFID Kit with 3 antennas allows for 3 products to be lifted at the same time. By adding the RGB light controller, and motion sensor retailers can designate corresponding colors and custom triggers for specific products for a more dynamic experience.
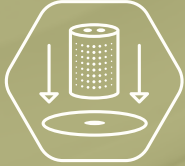
Click here to watch the system build tutorial.

Click here to watch the OIE build tutorial.

UR19O878-AN
RFID Antennas 6OX6Omm
White, Square

UR19O878-AT
RFID Sticker, Round
25mm Diameter

UR19O878-Y
RGB LED HARD STRIP

POWER SUPPLY

UR19O878-BA
CONTROL CENTER

UR19O878-BK
RFID Reader- 4 Port

UR19O878-BH
Color Light Controller

UR19O878-BL
Multi-Sensor Controller- 4 Port

POWER SUPPLY

UR19O878-R
Proximity Sensor- S
Range 10 to 80cm

Proximity
Sensor

MONITOR

AC CABLE	USB CABLE
12V DC CABLE	HDMI CABLE
ODC RJ25 CABLE	GPIO CABLE
AUDIO CABLE	RFID CABLE

PLACE & LEARN EXPERIENCE

GROW SHOPPER ENGAGEMENT WITH PRODUCT DISCOVERY

By inviting shoppers to discover and compare products, the Place & Learn experience encourages users to interact with merchandise in a natural way. Upon placing products on the pedestal, on-screen information is triggered. Because the pedestal can recognize up to 4 items lifted and placed at the same time, the experience allows for seamless price and product comparison. It also creates opportunities to gain additional shopper engagement metrics through data analytics.
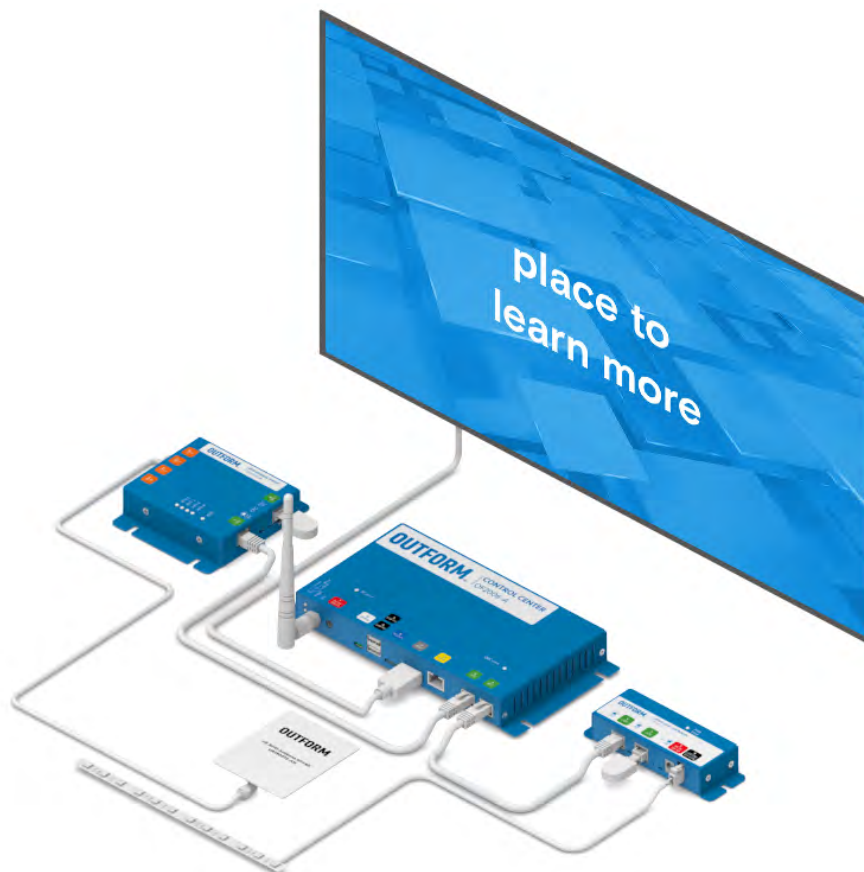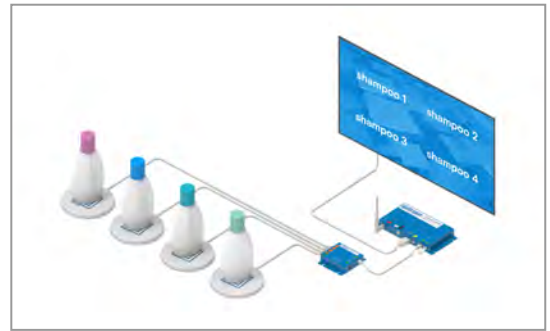
place to learn more

PLACE & LEARN EXPERIENCE

4 TAG SIMULTANEOUS DETECTION
The RFID reader can recognize up to four items lifted and placed at the same time. This feature allows for multiple users to engage with the experience at once, and also facilitates product comparison.

AVAILABLE IN THREE SIZES
Our RFID Receivers make adding, removing, and rearranging product displays easier than ever before. To meet the changing requirements of dynamic displays, Place & Learn is available is 3 standard sizes: 100 x 100mm, 60 x 60mm and 25 x 25mm.
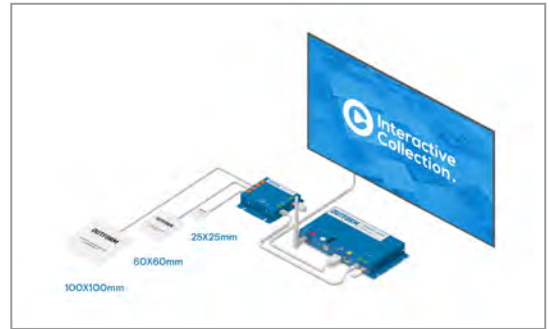
COMPATIBLE WITH MOST SURFACES
Our state of the art RFID module was built to broadcast through the most commonly used materials and surfaces (with the exception of metallic materials).
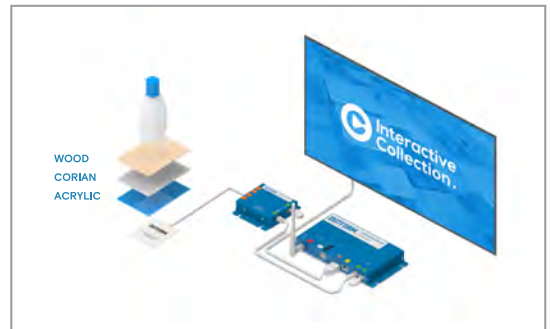
MODULAR
Periodic updates are key in keeping shoppers engaged and excited about your product. For this reason, we designed the Place & Learn to be adaptable to simple upgrades and experience developments.

INTERACTIVITY
By combining this experience with different sensors and triggers, this experience can support a combination of user interactions such as touch, voice, motion, and many more.

PLACE & LEARN
Upon placing the RFID tagged products on the RFID reader, on-screen information is triggered.

RESPONSIVE PRODUCT RECOGNITION
Because the product is tagged with a specific RFID tag, the product can be lifted and placed on any pedestal and will be correctly recognized.
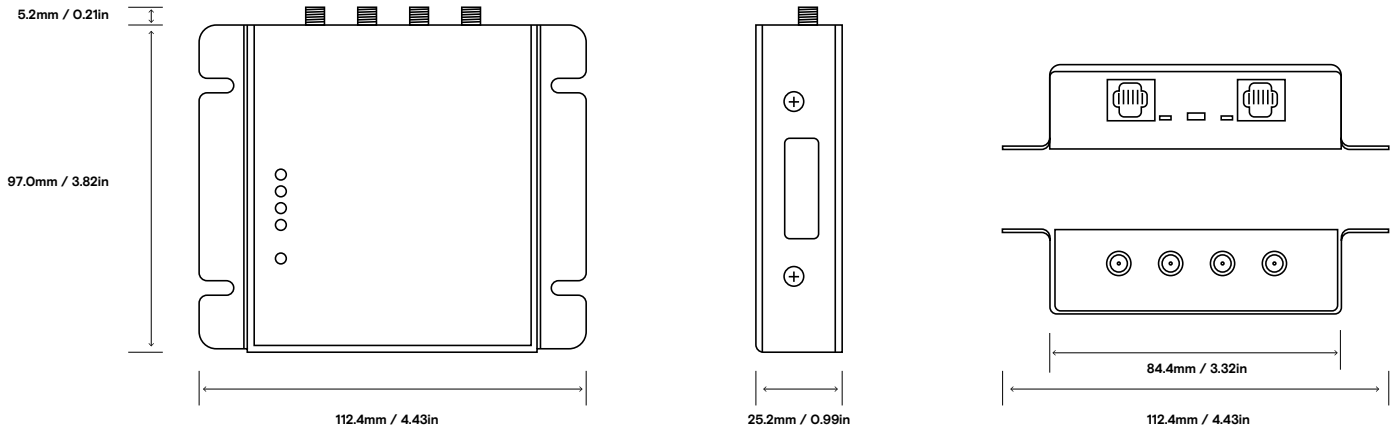
RFID TAGS
The system supports up to 1000 tag ID's.

OIE
Outform Interactive Editor gives you the tools to create your own experiences with ease using Control Center configuration

PRODUCT SIZE

5.2mm / 0.21in

97.0mm / 3.82in

112.4mm / 4.43in

25.2mm / 0.99in

84.4mm / 3.32in

112.4mm / 4.43in

FREQUENCY RANGE	
	13.56MHZ (HF RFID)

CHANNEL (ANTENNA) QUANTITY	
	4; CONFIGURATION OF ACTIVE ANTENNAS IN ANY ORDER

SUPPORTED TAG PROTOCOLS	
	ISO15693
	ISO14443A/B

ANTENNA SIZES	
	25X25MM
	60X60MM
	100X100MM

INTERNAL MEMORY	
	16000BYTES (128KBIT)

ODC POWER	
	VOLTAGE RANGE: DC 10-20V
	MAX UNIT POWER CONSUMPTION: 1.3W

EDS PROTECTION	
	ODC DATA LINES: IEC 61000-4-2, LEVEL 4 (ESD)
	ANTENNA PORTS: MIL-STD-883 METHOD 3015.7
	ODC POWER LINE: IEC61000-4-2
	ODC POWER LINE: IEC61000-4-2 3015.7

FAQ

HOW CAN RFID COMMANDS BE CHANGED?
RFID interactivity can be designed and updated using the Outform Interactive Editor.

HOW MANY RFID TAGS CAN ONE PLACE & LEARN SYSTEM READ?
The Place & Learn Experience is designed to support up to 1000 tags.

HOW MANY RFID TAGS CAN ONE RFID RECEIVER READ AT ONE TIME?
One RFID Experience can read up to four tags at one time.

CAN THE PLACE & LEARN EXPERIENCE FACILITATE PRODUCT COMPARISON?
Yes, since the RFID receivers can detect up to 4 RFID tags at a time, multiple product comparisons are achievable.
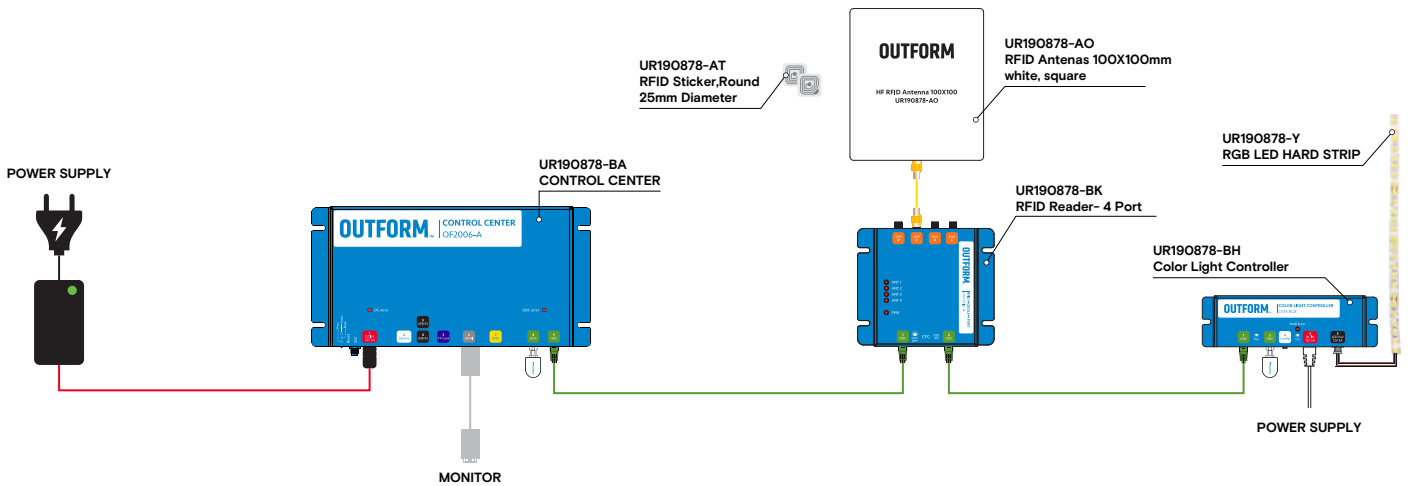
RFID CONTROLLER + RGB CONTROLLER + ANTENNA
UIC4001-01

Create the Place & Learn Experience with a single antenna, and add the RGB light controller for a more dynamic experience.

Click here to watch the system build tutorial.
Click here to watch the OIE build tutorial.

UR190878-AT
RFID Sticker, Round
25mm Diameter

OUTFORM
HF RFID Antenna 100X100
UR190878-AO

UR190878-AO
RFID Antenas 100X100mm
white, square

UR190878-Y
RGB LED HARD STRIP

UR190878-BA
CONTROL CENTER

UR190878-BK
RFID Reader- 4 Port

UR190878-BH
Color Light Controller

POWER SUPPLY

OUTFORM CONTROL CENTER OF2006-A

OUTFORM

OUTFORM COLOR LIGHT CONTROLLER

MONITOR

POWER SUPPLY

▬ AC CABLE	▬ USB CABLE
▬ 12V DC CABLE	▬ HDMI CABLE
▬ ODC RJ25 CABLE	▬ GPIO CABLE
▬ AUDIO CABLE	▬ RFID CABLE

VOICE EXPERIENCE

REPLACE CROWDED AND CONFUSING BUTTONS WITH SIMPLE VOICE COMMANDS

As shoppers become more accustomed to voice commands in everyday life, this experience seamlessly integrates voice commands into the retail environment. The Voice Experience replaces touch interaction with wake words, and commands that allow shoppers to verbally engage with the display, even when offline. The offline voice experience can be programmed to host pre-recorded commands like "play the video," or "turn up the volume," to deliver a defined story, according to the shoppers' needs.

start by saying
"play demo"

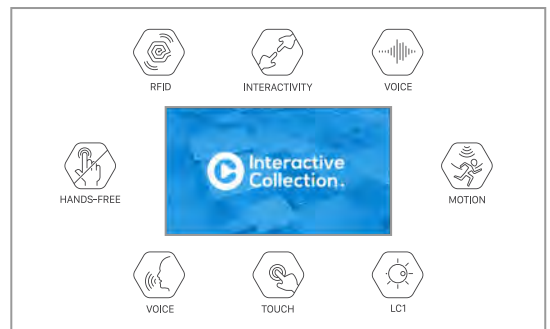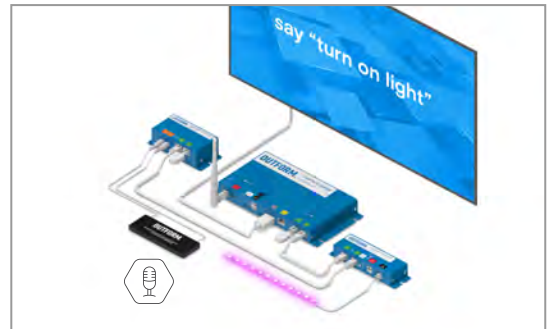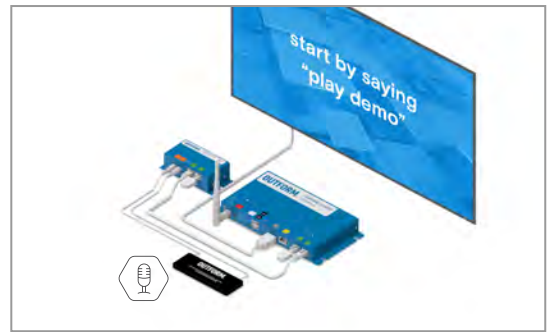# VOICE EXPERIENCE

SECURED OFFLINE SOLUTION

Internet connectivity can be a challenge in the retail space. To that end, we developed the offline voice solution to deliver a pre-recorded experience that does not require internet connection.

WE RECOMMEND

Combine the Voice Experience with the Light Controller Module to create the ultimate dynamic retail experience.

MODULAR

Periodic updates are key in keeping shoppers engaged and excited about your product. For this reason, we designed the Voice Experience to be adaptable to simple upgrades and experience developments.

INTERACTIVITY

By combining this experience with different sensors and triggers, this experience can support a combination of user interactions such as touch, voice, motion, and many more.

VOICE CAPTURE

Advanced offline speech processing to deliver optimal retail experiences.

HANDS-FREE

The voice experience gives shoppers the opportunity to learn about products without the need to touch the display surface.
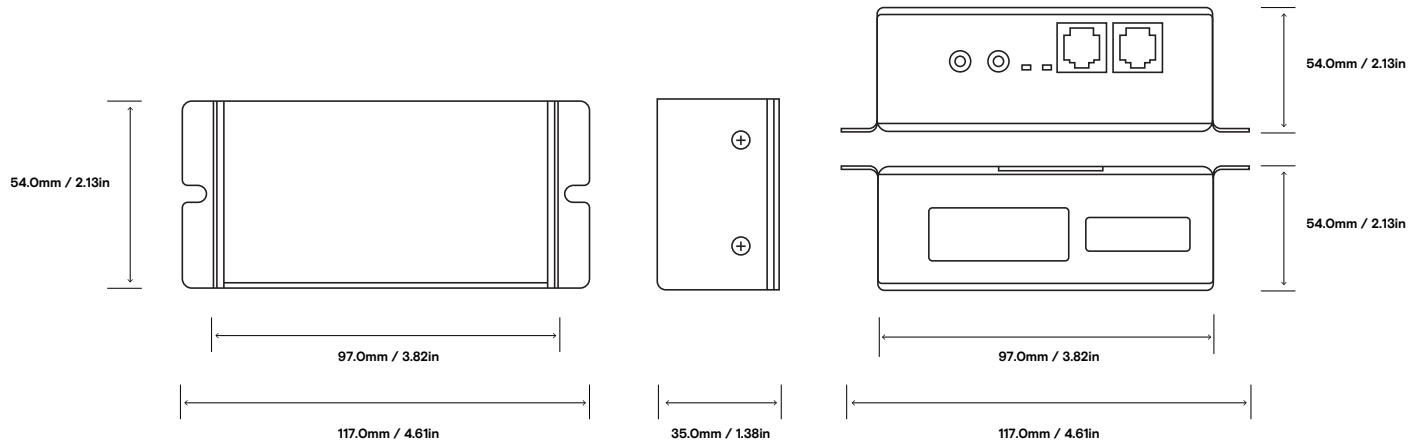
OIE

Outform Interactive Editor gives you the tools to create your own experiences with ease using Control Center configuration

PRODUCT SIZE

RECOGNITION METHOD	
	OFFLINE

NUMBER OF OFFLINE RECOGNIZED PHRASES	
	UP TO 40

PHRASE UPDATE METHOD	
	SOFTWARE

MICROPHONE QUANTITY	
	2

RECOMMENDED DISTANCE BETWEEN MICROPHONES	
	100mm

MICROPHONE TYPE	
	CONDENSOR MICROPHONE

ODC POWER	
	VOLTAGE RANGE: DC 10-20V
	MAX UNIT POWER CONSUMPTION: 12W

ODC POWER	
	ODC DATA LINES: IEC 61000-4-2, LEVEL 4
	MICROPHONE INPUT: MIL-STD-883 METHOD 3015.7

FAQ

HOW CAN VOICE COMMANDS BE CHANGED?
Contact us on the technical support page to make voice command edit requests. We will validate the request and reply with a file to program the device.

HOW MANY COMMANDS CAN RUN ON THE VOICE EXPERIENCE?
The Voice Experience was designed to support up to 40 commands.

HOW DO I AVOID FALSE COMMANDS?
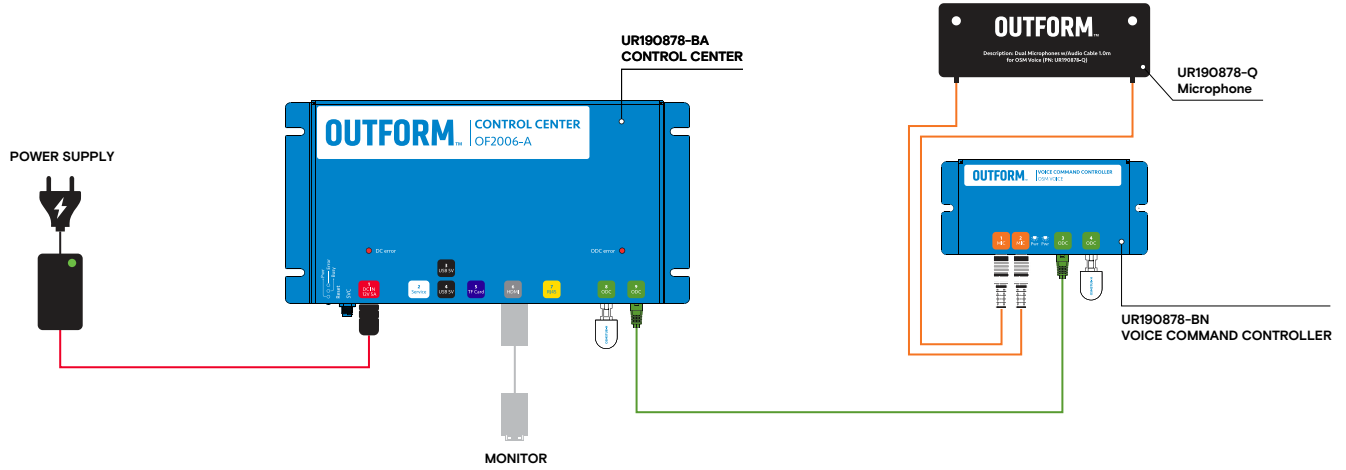Make sure your display does not include keywords which activate the voice commands.

VOICE CONTROLLER
UIC5001-01

To facilitate the Voice Experience, the voice command controller captures voice commands, and triggers on-screen responses.

Click here to watch the system build tutorial.
Click here to watch the OIE build tutorial.

UR190878-BA
CONTROL CENTER

OUTFORM | CONTROL CENTER
OF2006-A

OUTFORM
Description: Dual Microphones w/Audio Cable 1.0m
for OSM Voice (PN: UR190878-Q)

UR190878-Q
Microphone

OUTFORM | VOICE COMMAND CONTROLLER
OSM VOICE

UR190878-BN
VOICE COMMAND CONTROLLER

POWER SUPPLY

DC error   ODC error

MONITOR

|	AC CABLE		USB CABLE
	12V DC CABLE		HDMI CABLE
	ODC RJ25 CABLE		GPIO CABLE
	AUDIO CABLE		RFID CABLE

BUTTONS EXPERIENCE

ILLUMINATED, AND NON-ILLUMINATED BUTTONS

With options for illuminated, or non-illuminated buttons, this experience instantly pulls shoppers into a responsive interaction where they are given the freedom to make selections, and create a personalized shopping experience.
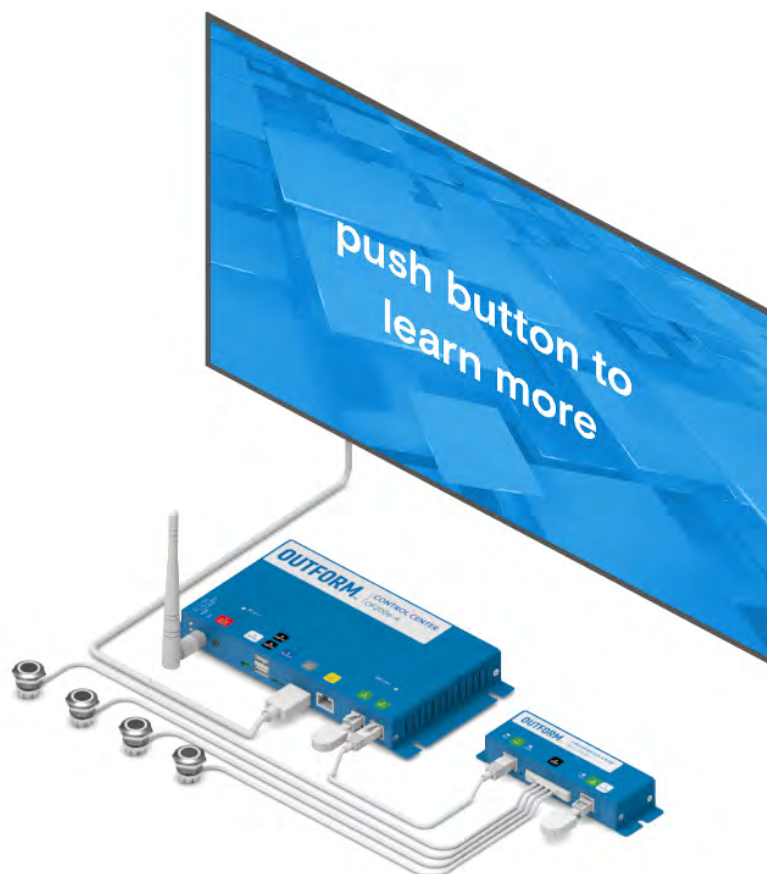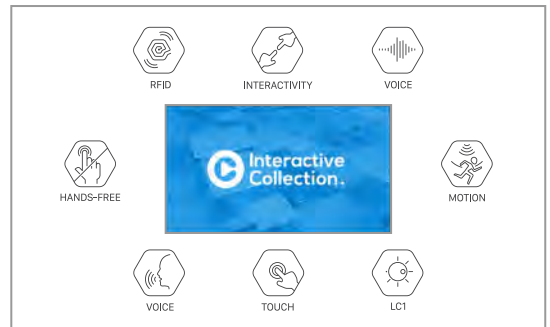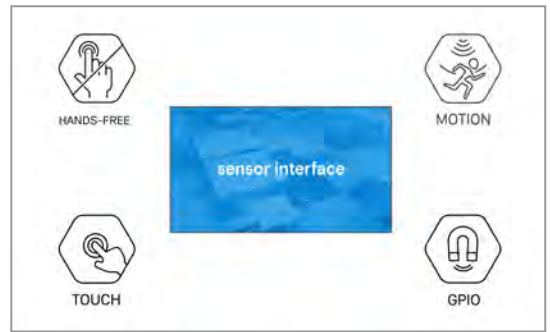
BUTTONS EXPERIENCE

GPIO

The OSM GPIO delivers flexible interface to control your retail display with multiple applications by providing many sensor inputs and signal outputs. Available in 4 port and 8 port versions and infinitely programmable, the GPIO supports most of the triggers and sensors used in today's retail environments.

2 BUTTON OPTIONS

Options for illuminated, and non-illuminated button experiences.

MODULAR

The Interactive Collection is comprised of a variety of Outform Standard Modules (OSM) which communicate by way of ODC protocol. ODC protocol enables a dynamic eco-system by which multiple OSMs can interact and trigger relevant experiences.

INTERACTIVITY

By combining this experience with different sensors and triggers, this experience can support a combination of user interactions such as touch, voice, motion, and many more.
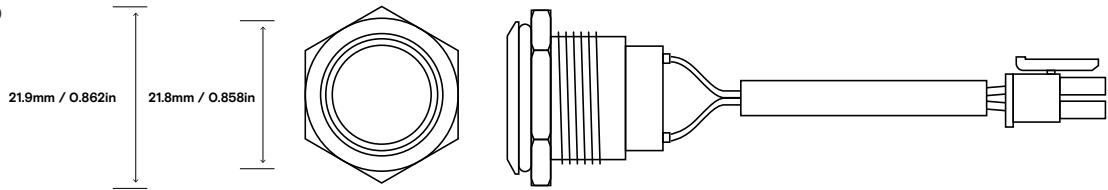
OIE

Outform Interactive Editor gives you the tools to create your own experiences with ease using Control Center configuration
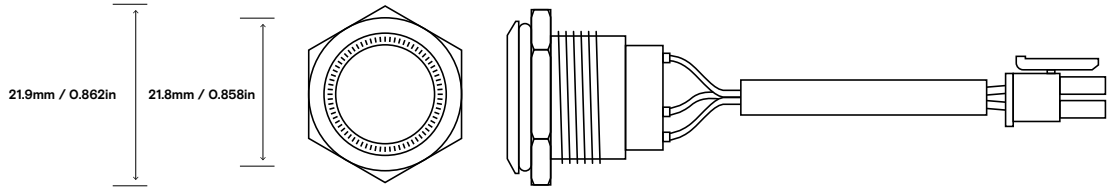
PRODUCT SIZE

NON ILLUMINATED BUTTON

21.9mm / 0.862in   21.8mm / 0.858in

ILLUMINATED BUTTON

21.9mm / 0.862in   21.8mm / 0.858in

PORT QUANTITY	
	INPUT MODES
	DIGITAL PULL UP
	BUTTON
	ANALOG
OUTPUT MODES	
	DIGITAL PUSH/ PULL
	DIGITAL OPEN COLLECTOR
	PWM

MAX INPUT VOLTAGE	
	3.6V

POWER GPIO PORT	
	OUTPUT VOLTAGE: 5V
	MAX SOURCE CURRENT: 0.5A
ODC BUS (CONTROL BUS)	
	PORT QUANTITY:2
	INPUT VOLTAGE RANGE: 10-20V
	MAX CURRENT THROUGH ODC PORTS: 1.85A
ESD PROTECTION	
	ALL PORTS: HBM 2KV; CDM 500V

FAQ

HOW MANY BUTTONS CAN BE ADDED TO AN EXPERIENCE?
As many as needed.

IS THERE A LIMITATION TO THE NUMBER OF BUTTONS ON A SINGLE GPIO INTERFACE?
Up to 4 illuminated buttons and up to 8 non-illuminated buttons.

CAN THE COLOR OF THE ILLUMINATED LED BE CUSTOMIZED
Yes, the color can be customized.

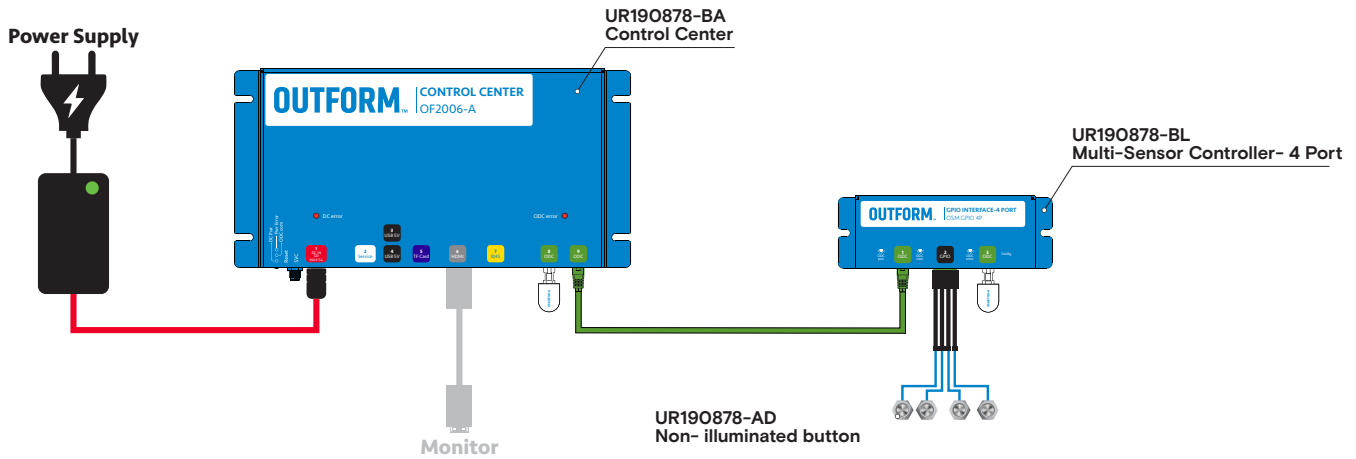## NON-ILLUMINATED BUTTONS

UIC6001-01

Give shoppers a responsive interaction where they are given the freedom to make selections.

Click here to watch the system build tutorial.

Click here to watch the OIE build tutorial.

Power Supply

OUTFORM | CONTROL CENTER OF2006-A

UR19O878-BA
Control Center

UR19O878-BL
Multi-Sensor Controller- 4 Port

OUTFORM | GPIO INTERFACE-4 PORT

Monitor

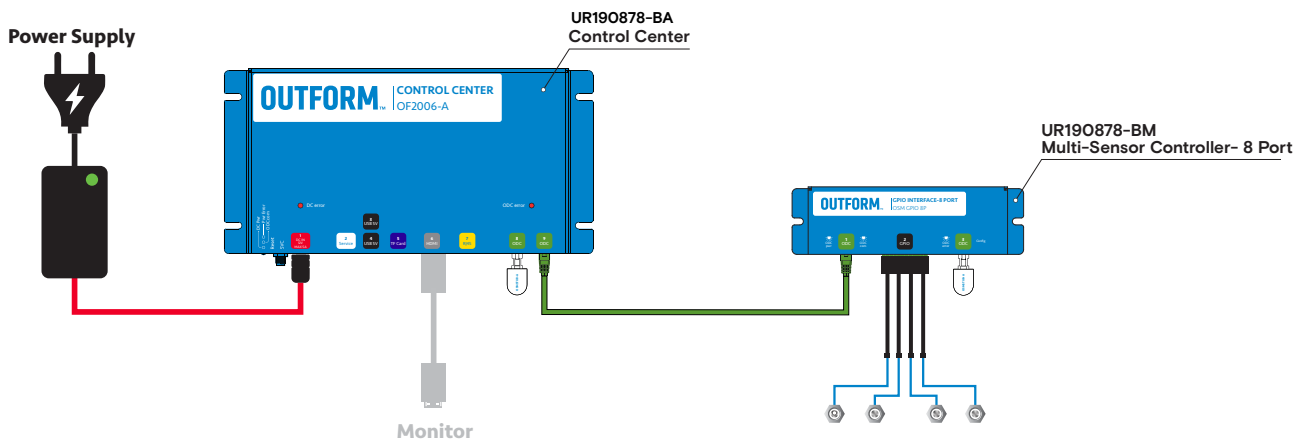UR19O878-AD
Non- illuminated button

ILLUMINATED BUTTONS

UIC6002-01

Add illumination to create an exciting experience where shoppers are given the freedom to make selections.

Click here to watch the system build tutorial.

Click here to watch the OIE build tutorial.

Power Supply

OUTFORM | CONTROL CENTER OF2006-A

UR19O878-BA
Control Center

UR19O878-BM
Multi-Sensor Controller- 8 Port

OUTFORM | GPIO INTERFACE-8 PORT

Monitor

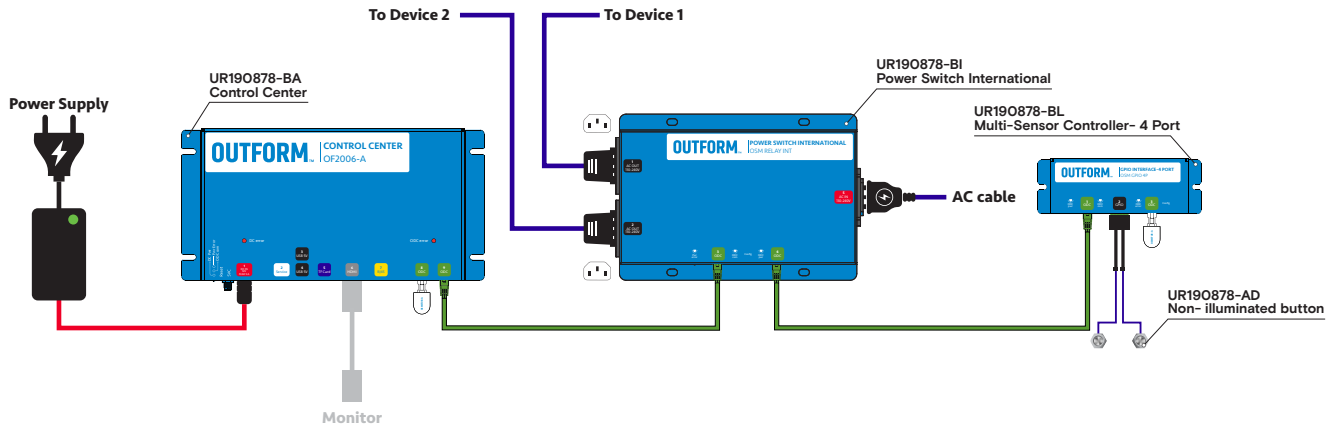|			
■ AC CABLE		■ USB CABLE	
■ 12V DC CABLE		■ HDMI CABLE	
■ ODC RJ25 CABLE		■ GPIO CABLE	
■ AUDIO CABLE		■ RFID CABLE	

NON-ILLUMINATED BUTTONS + POWER SWITCH CONTROLLER
UIC6005-01

Use buttons to power on and off devices.

Click here to watch the system build tutorial.

Click here to watch the OIE build tutorial.

To Device 2 — To Device 1

Power Supply

UR190878-BA
Control Center

UR190878-BI
Power Switch International

UR190878-BL
Multi-Sensor Controller- 4 Port

AC cable

UR190878-AD
Non- illuminated button

Monitor

	AC CABLE		USB CABLE
	12V DC CABLE		HDMI CABLE
	ODC RJ25 CABLE		GPIO CABLE
	AUDIO CABLE		RFID CABLE

MOTION SENSOR EXPERIENCE

DRAW SHOPPERS IN FROM A DISTANCE

Designed to catch the attention of passing customers, the Motion Sensor can be added to any OSM pairing to create different triggers for different distances. Drawing shoppers in as they approach, the motion sensor can invite users to specific display interactions depending on how close or far they are standing.



approach display to learn more
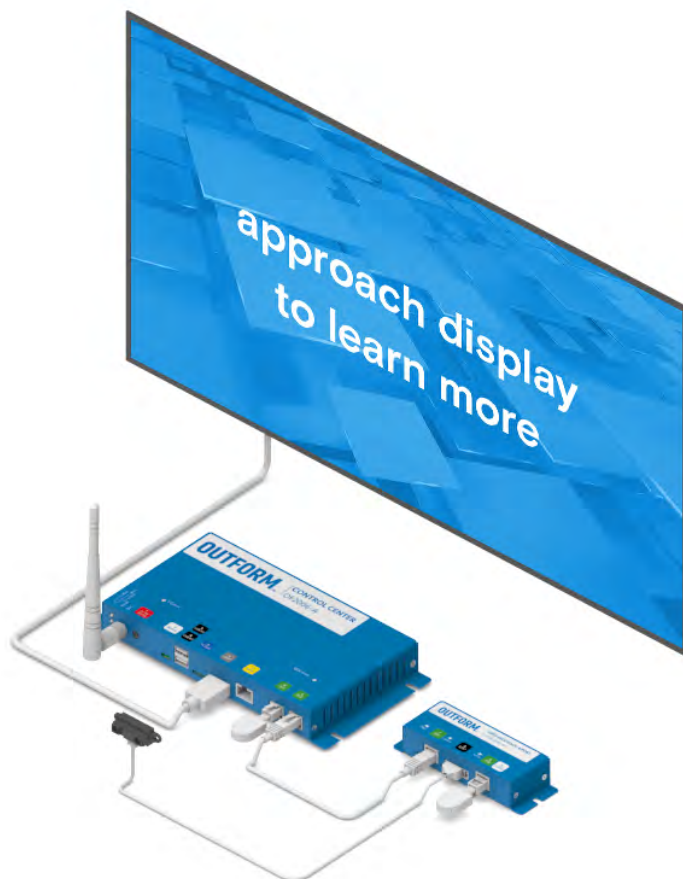
MOTION SENSOR EXPERIENCE

MULTIPLE DISTANCE DETECTION

The Motion Sensor is programmed to display relevant content according to the users distance from the display. For example: a user standing 80 cm away will trigger a message to invite the user to approach the display, while a user standing 30 cm away will trigger product specific content.
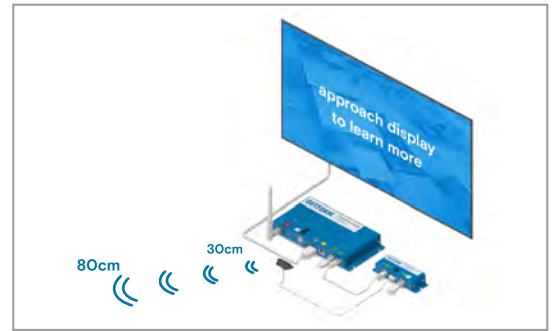
SECURELY MOUNTS

The motion sensor can be securely mounted on any flat surface, horizontally, vertically, or angled.

MODULAR

The Interactive Collection is comprised of a variety of Outform Standard Modules (OSM) which communicate by way of ODC protocol. ODC protocol enables a dynamic eco-system by which multiple OSMs can interact and trigger relevant experiences.

INTERACTIVITY

By combining this experience with different sensors and triggers, this experience can support a combination of user interactions such as touch, voice, motion, and many more.

CUSTOM TRIGGERS

The sensor allows for specific content to be triggered for different distances.

VARIOUS RANGES

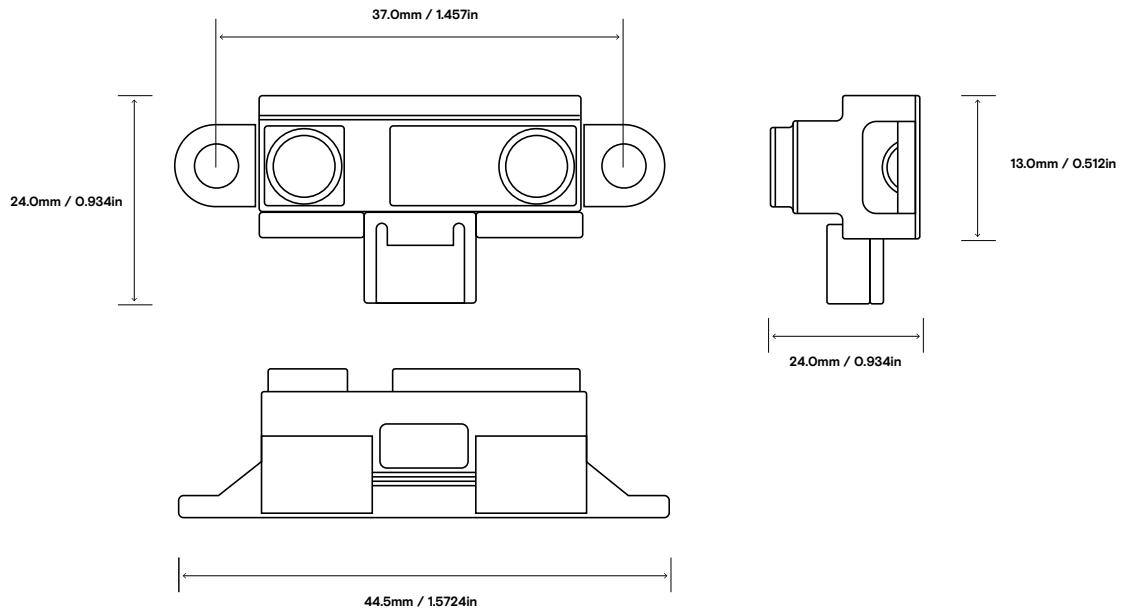The sensor has available options for short, medium or long range detection.

OIE

Outform Interactive Editor gives you the tools to create your own experiences with ease using Control Center configuration

PRODUCT SIZE

37.0mm / 1.457in

24.0mm / 0.934in

13.0mm / 0.512in

24.0mm / 0.934in

44.5mm / 1.5724in

DETECTION RANGE	
	10-80CM

OPERATING TEMPERATURE	
	-20-50C

OPERATING VOLTAGE	
	5V DC (VIA OSM GPIO)

POWER CONSUMPTION	
	50MA

CABLE LENGTH	
	0.5 METER

CERTIFICATIONS	
	CE, ROHS

FAQ

WHAT IS THE DETECTION RANGE OF THE MOTION SENSOR?
The detection range is 20cm – 80cm.

HOW MANY MOTION SENSORS CAN ONE SYSTEM SUPPORT?
As many as needed. The Interactive Collection is designed to add any number of sensors and triggers to any experience.

CAN THE MOTION EXPERIENCE HELP TO SAVE ENERGY?
Yes, we can program the Motion Experience to switch on and off any screen or product that does not need to work when there is no interaction.

CAN THE MOTION SENSOR AND THE GESTURE SENSOR WORK TOGETHER ON THE SAME SYSTEM?
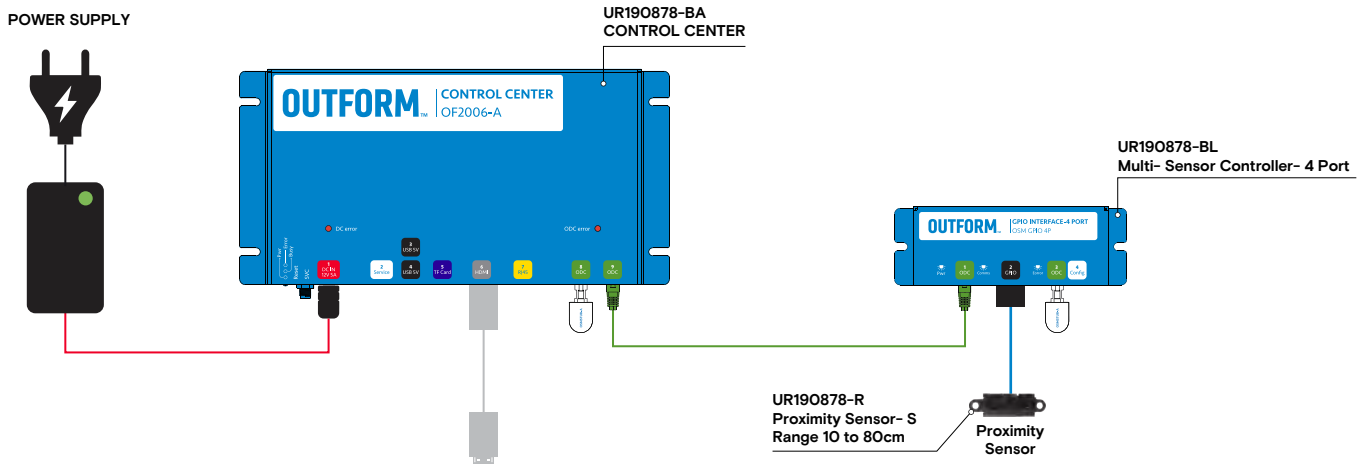Yes, add as many sensors as you need to one system.

MOTION SENSOR BASIC
UIC7001-01

Use the motion sensor to set custom triggers as shoppers pass by.

POWER SUPPLY

UR19O878-BA
CONTROL CENTER

OUTFORM™ | CONTROL CENTER
OF2006-A

UR19O878-BL
Multi- Sensor Controller- 4 Port

OUTFORM™ | GPIO INTERFACE-4 PORT
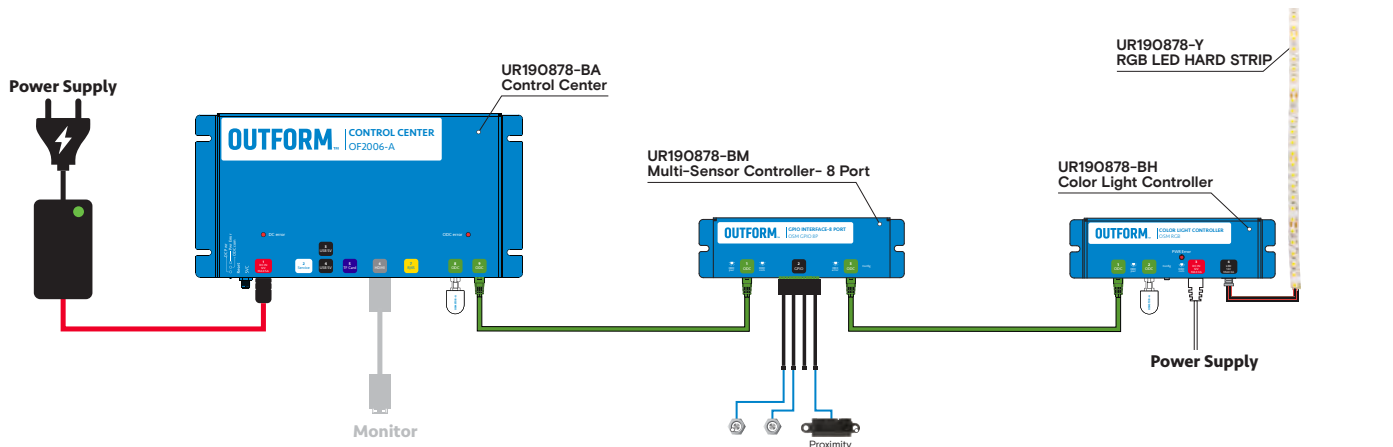
UR19O878-R
Proximity Sensor- S
Range 10 to 80cm

Proximity
Sensor

MOTION SENSOR + RGB LED CONTROLLER + BUTTONS
UIC7002-01

Use the motion sensor and RGB LED Controller to set custom triggers and engage shoppers as they pass by. Incorporate buttons to create a responsive experience as they approach the display.
Click here to watch the system build tutorial.

Power Supply

UR19O878-BA
Control Center

OUTFORM™ | CONTROL CENTER
OF2006-A

UR19O878-BM
Multi-Sensor Controller- 8 Port

OUTFORM™ | GPIO INTERFACE-8 PORT

UR19O878-Y
RGB LED HARD STRIP

UR19O878-BH
Color Light Controller

OUTFORM™ | COLOR LIGHT CONTROLLER

Power Supply

Monitor

Proximity

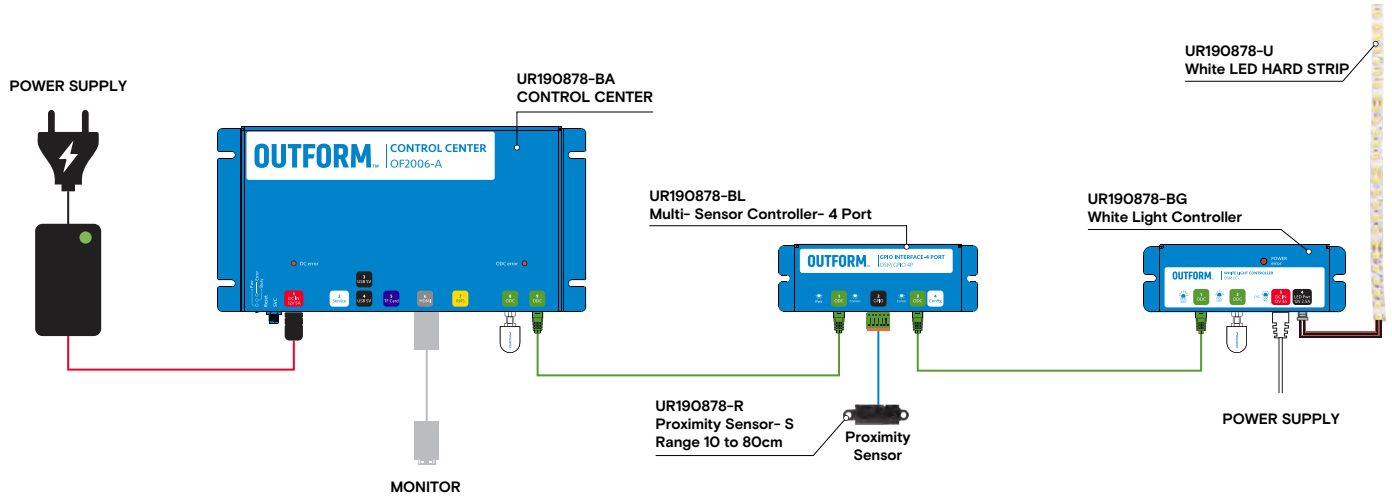|		
▬ AC CABLE		▬ USB CABLE
▬ 12V DC CABLE		▬ HDMI CABLE
▬ ODC RJ25 CABLE		▬ GPIO CABLE
▬ AUDIO CABLE		▬ RFID CABLE

MOTION SENSOR + WHITE LIGHT CONTROLLER
UIC7003-01

As users approach the display, the white light intensifies and custom triggers appear on screen.

POWER SUPPLY

**UR190878-BA
CONTROL CENTER**

OUTFORM | CONTROL CENTER | OF2006-A

**UR190878-U
White LED HARD STRIP**

**UR190878-BL
Multi- Sensor Controller- 4 Port**

OUTFORM | GPIO INTERFACE-4 PORT

**UR190878-BG
White Light Controller**

OUTFORM | WHITE LIGHT CONTROLLER

**UR190878-R
Proximity Sensor- S
Range 10 to 80cm**

**Proximity
Sensor**

POWER SUPPLY

MONITOR

▬ AC CABLE		▬ USB CABLE	
▬ 12V DC CABLE		▬ HDMI CABLE	
▬ ODC RJ25 CABLE		▬ GPIO CABLE	
▬ AUDIO CABLE		▬ RFID CABLE	

TOUCHLESS BUTTONS EXPERIENCE

CREATE SAFE AND PERSONALIZED EXPERIENCES

Allow shoppers the freedom to make selections, and create a personalized shopping experience in a safe retail environment. Adaptable to meet the expectations of the modern-day consumer, the touchless button allows users to choose by simply hovering their hand over the button.
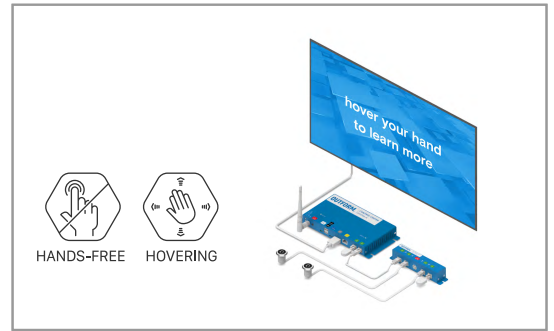
TOUCHLESS BUTTONS EXPERIENCE

SAFE RETAIL

In order to adapt to an evolving retail landscape given heightened consumer awareness of personal hygiene, and potentially contaminated surfaces, the Button Experience is available in a non-contact version. By hovering a hand over the button, users are able to trigger any interaction.

MODULAR

The Interactive Collection is comprised of a variety of Outform Standard Modules (OSM) which communicate by way of ODC protocol. ODC protocol enables a dynamic eco-system by which multiple OSMs can interact and trigger relevant experiences.

INTERACTIVITY

By combining this experience with different sensors and triggers, this experience can support a combination of user interactions such as touch, voice, motion, and many more.

OIE

Outform Interactive Editor gives you the tools to create your own experiences with ease using Control Center configuration

PRODUCT SIZE

PORT QUANTITY		
	INPUT MODES	
		DIGITAL PULL UP
		BUTTON
		ANALOG
	OUTPUT MODES	
		DIGITAL PUSH/ PULL
		DIGITAL OPEN COLLECTOR
		PWM

MAX INPUT VOLTAGE	
	3.6V

FAQ

HOW MANY BUTTONS CAN BE ADDED TO AN EXPERIENCE?
As many as needed.

IS THERE A LIMITATION TO THE NUMBER OF BUTTONS ON A SINGLE HUB INTERFACE?
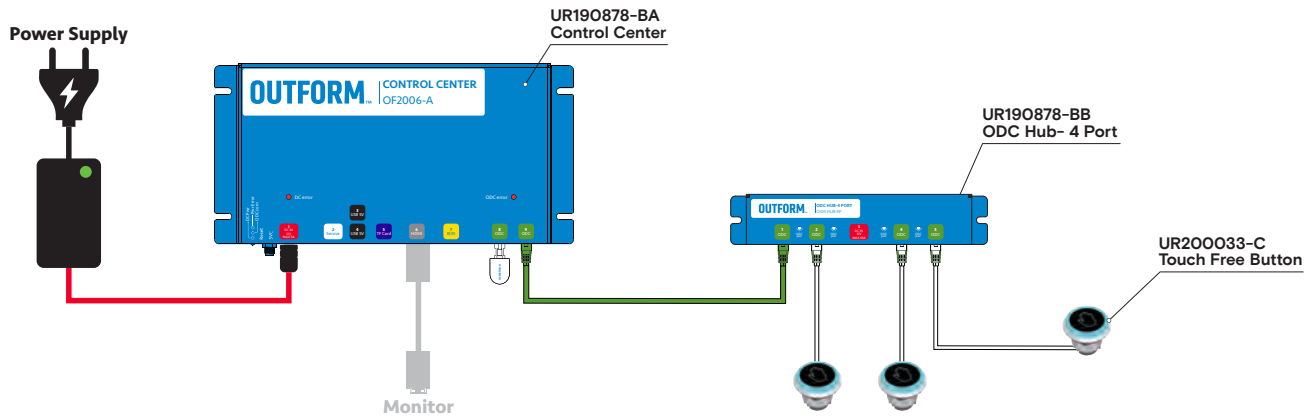Up to four touchless buttons.

HANDS–FREE BUTTONS

UIC6003-01

By simply hovering their hands over the button, shoppers are able to smake selections in a safe retail environment.

Power Supply

UR190878-BA
Control Center

OUTFORM™ | CONTROL CENTER | OF2006-A

UR190878-BB
ODC Hub– 4 Port

OUTFORM | ODC HUB-4 PORT

UR200033-C
Touch Free Button

Monitor

TOUCHLESS BUTTONS + MULTIPLE RGB LED + CONTROLLER

UIC6004-01

Create unlimited color combinations that intensify as users approach the button with their hand.

Power Supply

UR190878-BA
Control Center

OUTFORM™ | CONTROL CENTER | OF2006-A

UR190878-BC
OSM H8P EIGHT POSITION ODC HUB

OUTFORM | ODC HUB-4 PORT

UR200878-CA
Multi Channel Color Light Controller

OUTFORM | COLOR LIGHT CONTROLLER-4 PORT

UR190878-Y
RGB LED HARD STRIP

UR200033-C
Touch Free Button

Power Supply

Monitor
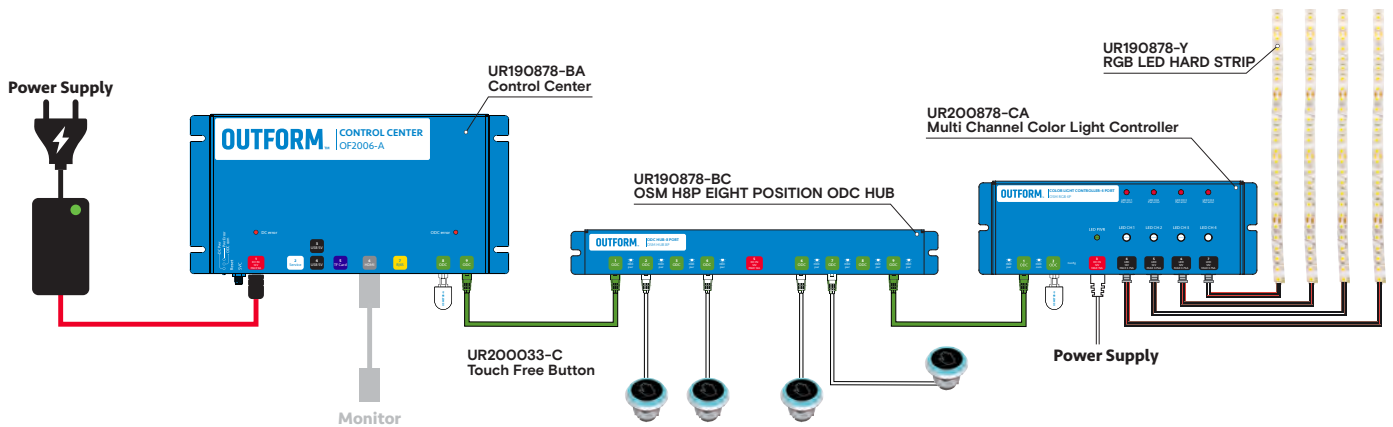
	AC CABLE		USB CABLE
	12V DC CABLE		HDMI CABLE
	ODC RJ25 CABLE		GPIO CABLE
	AUDIO CABLE		RFID CABLE

Interactive Collection.

EXPERIENCE ADD-ONS

OUTFORM™

RGB LED LIGHT EXPERIENCE ADD-ON

ATTRACT SHOPPERS WITH COLORFUL ILLUMINATIONS

This experience add-on features an easy to use light controller which can create and configure millions of color combinations and light intensities. Create alluring and memorable brand experiences through color illuminations that use RBG light strips in up to three meters of length. Add the RGB Light controller to any of the Interactive Collection experiences to create memorable brand interactions.
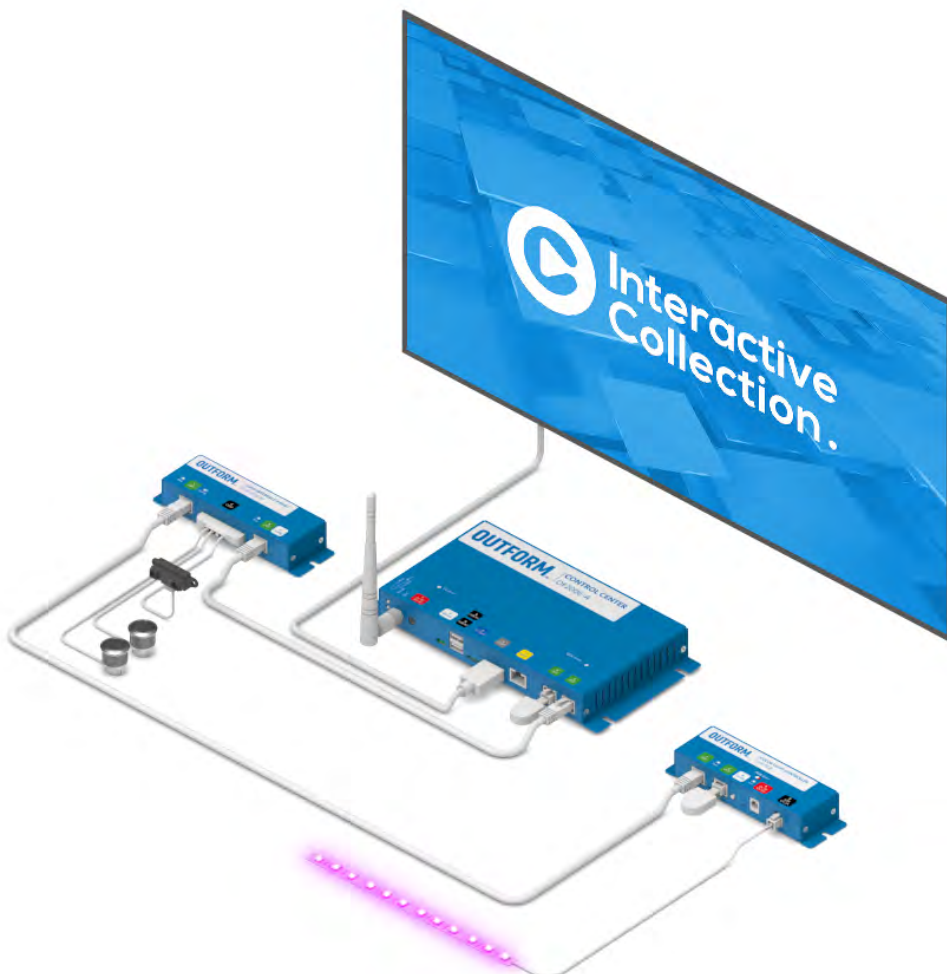
RGB LED LIGHT ADD-ON

DIMMING
The RGB LED Add-On can be configured to 8 different light intensities.
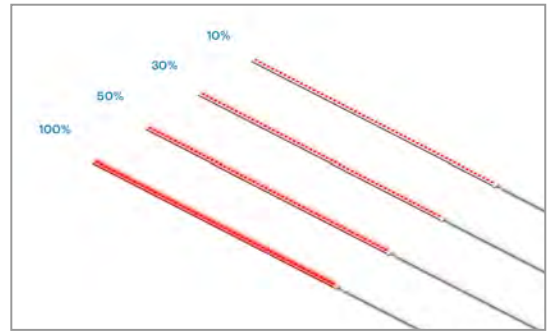
EASY TO USE
Extend your RGB LED Strips with simple extension cable connections or quick connectors between one strip to another.
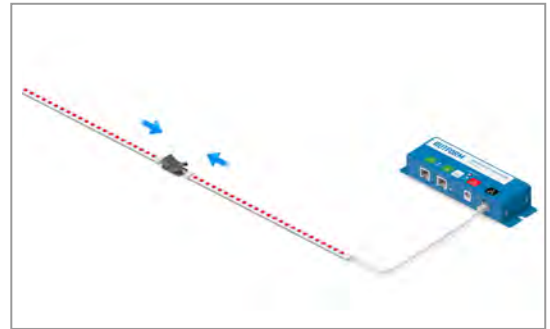
FLEXIBILITY
The RGB LED strips come in both soft and hard strips.
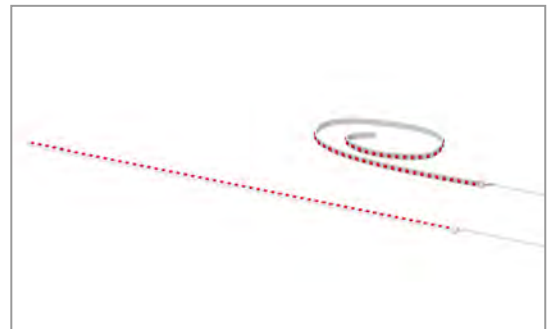
MODULAR
The Interactive Collection is comprised of a variety of Outform Standard Modules (OSM) which communicate by way of ODC protocol. ODC protocol enables a dynamic eco-system by which multiple OSMs can interact and trigger relevant experiences.

INTERACTIVITY
By combining this controller with different sensors and triggers, this experience can support a combination of user interactions such as touch, voice, motion, and many more.

CURRENT
The current can support up to 3 meters of LED strip.

RGB CONTROLLER
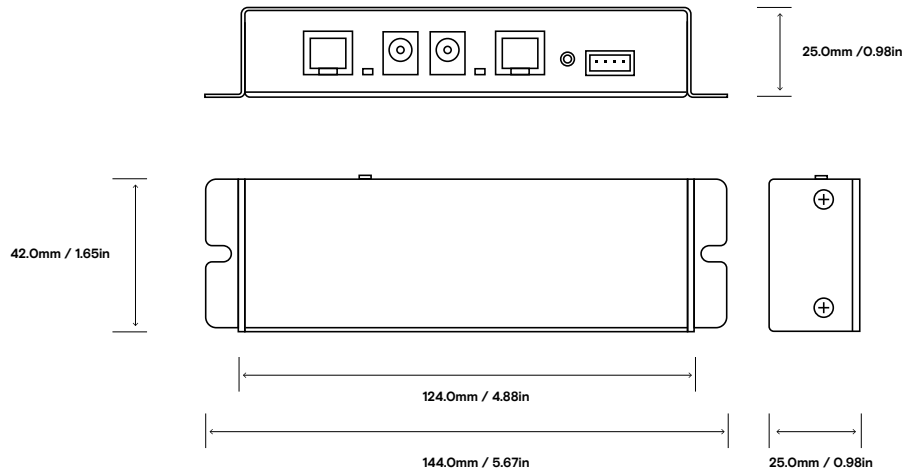The controller can create unlimited color combinations.

OIE
Outform Interactive Editor gives you the tools to create your own experiences with ease using Control Center configuration

PRODUCT SIZE

25.0mm /0.98in

42.0mm / 1.65in

124.0mm / 4.88in

144.0mm / 5.67in

25.0mm / 0.98in

ODC POWER	
	VOLTAGE RANGE: DC 10-20V
	MAX UNIT POWER CONSUMPTION: 0.14W
LEDS PARAMETERS	
	CHANNEL QUANTITY: 1
	INPUT VOLTAGE RANGE: 12-20V
	MAX CURRENT PER CHANNEL: 1A
	OVER CURRENT PROTECTION: 1A
EDS PROTECTION	
	LEDS LINES: IEC 61000-4-2 LEVEL 4
	ODC DATA LINES: IEC 61000-4-2, LEVEL 4 (ESD)
SUPPORTED LIGHT MODES	
	PWM FREQUENCY: 125HZ/ CHANNEL

FAQ

HOW MANY LED STRIPS CAN BE ADDED TO AN EXPERIENCE?
As many as needed.

HOW LONG CAN ONE LED STRIP BE?
The Max length per single LED channel is three meters.

CAN THE LED STRIP BE TURNED ON AND OFF?
Yes, and change brightness as needed.

CAN THE LED STRIP BE TRIGGERED BY ANY SENSOR?
Yes, the RGB Light add-on can be triggered by voice commands, buttons, motion or RFID.

WHITE LED LIGHT EXPERIENCE ADD-ON

HIGHLIGHT PRODUCTS & INSPIRE ENGAGEMENT

Add this white LED light controller to any of the Interactive Collection experiences to direct shoppers to highlighted products and inspire engagement. With an easy to use light controller, this experience can be used to turn LED light strips on/off and create unlimited dimming options.
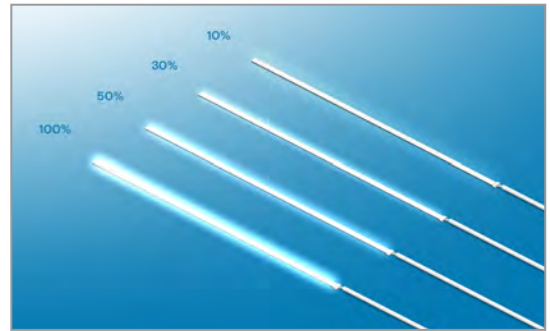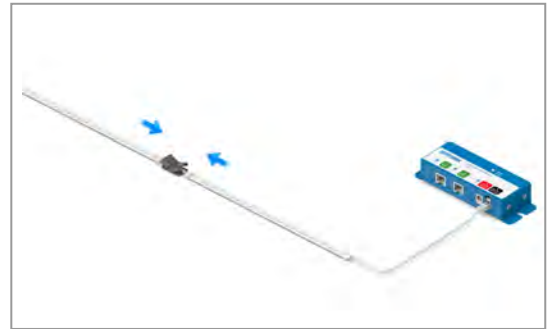
WHITE LED LIGHT ADD-ON

DIMMING
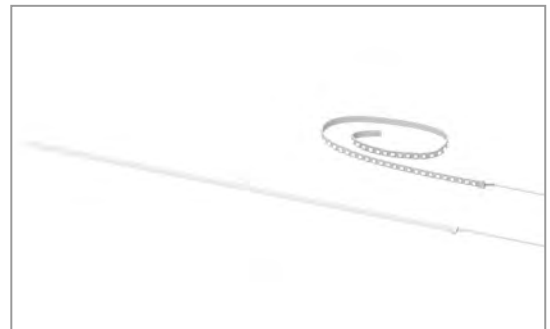The White LED Add-On can be configured to 8 different light intensities and behaviors.

EASY TO USE
Extend your White LED Strips with simple extension cable connections or quick connectors between one strip to another.
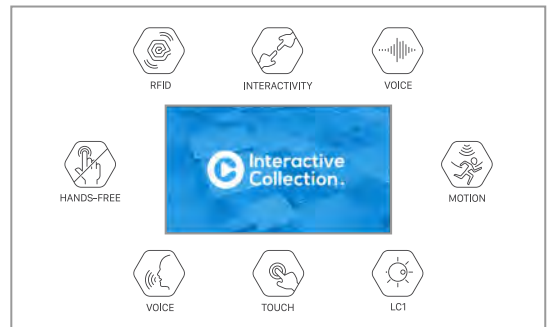

FLEXIBILITY
The White LED strips come in both soft and hard strips.

MODULAR
The Interactive Collection is comprised of a variety of Outform Standard Modules (OSM) which communicate by way of ODC protocol. ODC protocol enables a dynamic eco-system by which multiple OSMs can interact and trigger relevant experiences.

INTERACTIVITY
By combining this controller with different sensors and triggers, this experience can support a combination of user interactions such as touch, voice, motion, and many more.

LIGHT CONTROL
The white light add-on supports a variety of light intensities such as On / Off, Dim or flash control

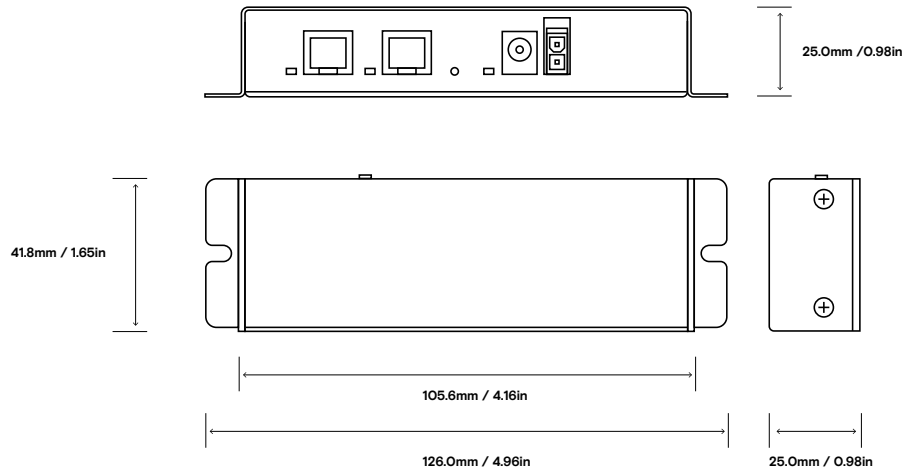## CURRENT
The current can support up to 3 meters of LED strip.

OIE
Outform Interactive Editor gives you the tools to create your own experiences with ease using Control Center configuration

PRODUCT SIZE

25.0mm / 0.98in

41.8mm / 1.65in

105.6mm / 4.16in

126.0mm / 4.96in

25.0mm / 0.98in

ODC POWER		
	VOLTAGE RANGE: DC 10-20V	
	MAX UNIT POWER CONSUMPTION: 0.14W	
LEDS PARAMETERS		
	CHANNEL QUANTITY: 1	
	INPUT VOLTAGE RANGE: 12-20V	
	MAX CURRENT PER CHANNEL: 2	
	OVER CURRENT PROTECTION: 2A	
EDS PROTECTION		
	LEDS LINES: IEC 61000-4-2 LEVEL 4	
	ODC DATA LINES: IEC 61000-4-2, LEVEL 4 (ESD)	
SUPPORTED LIGHT MODES		
	PWM FREQUENCY: 30KHZ	

FAQ

HOW MANY LED STRIPS CAN BE ADDED TO AN EXPERIENCE?
As many as needed.

HOW LONG CAN ONE LED STRIP BE?
The Max length per single LED channel is three meters.

CAN THE LED STRIP BE TURNED ON AND OFF?
Yes, and change brightness as needed.

**CAN THE LED STRIP BE TRIGGERED BY ANY SENSOR?**
Yes, the White Light Add-on can be triggered by voice commands, buttons, motion or RFID.

POWER SWITCH EXPERIENCE ADD-ON

ENERGY SAVING CONTROLLER

The Power Switch Controller can be added to any experience to trigger display products, enabling them to be turned on and off as desired, to surprise and delight in-store. The Power Switch Controller can be used to safely control up to 2 devices, with up to ten amps of switching power per outlet.
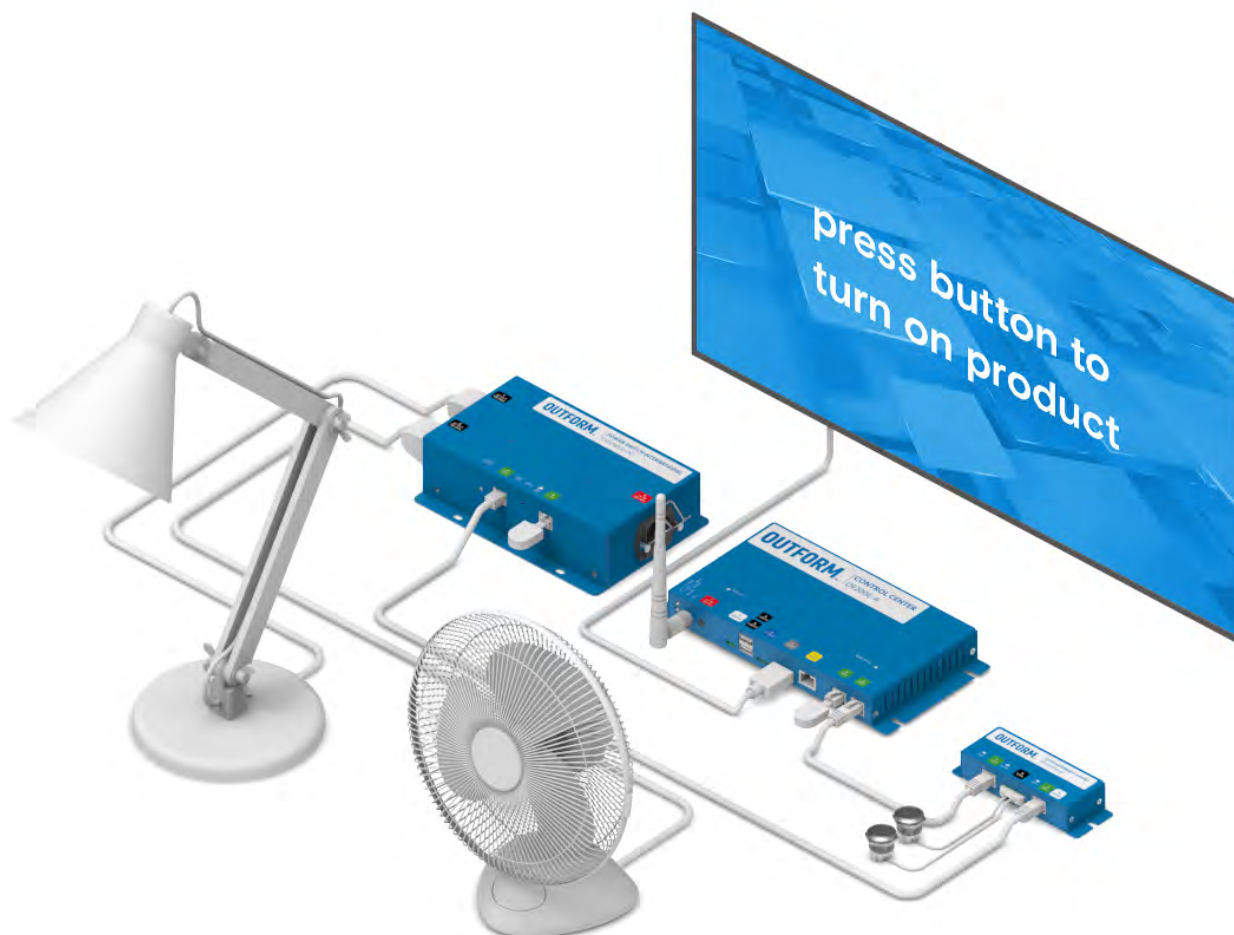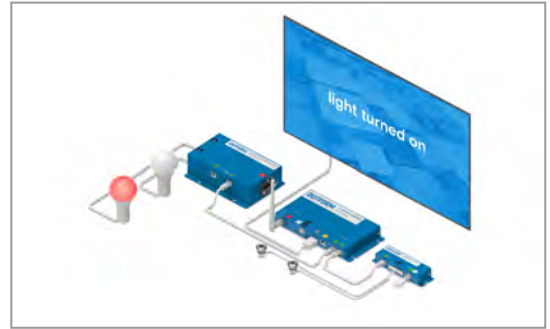
POWER SWITCH ADD-ON

ENERGY SAVING

Turn on AC powered devices only when triggered to save energy.

ETL CERTIFIED

The ETL Mark is proof of product compliance to North American safety standards. Retail buyers accept it on products they're sourcing. And every day, more and more consumers recognize it on products they purchase as a symbol of safety.

MODULAR

The Interactive Collection is comprised of a variety of Outform Standard Modules (OSM) which communicate by way of ODC protocol. ODC protocol enables a dynamic eco-system by which multiple OSMs can interact and trigger relevant experiences.
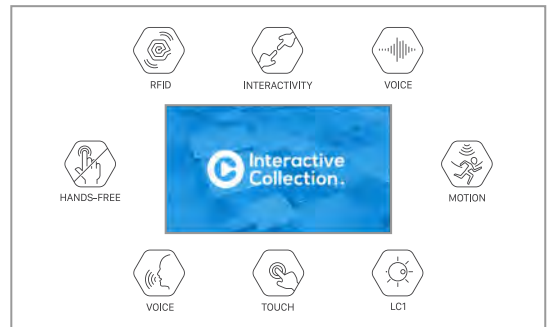
INTERACTIVITY

By combining this controller with different sensors and triggers, this experience can support a combination of user interactions such as touch, voice, motion, and many more.

POWER SWITCH

Simply power on and off any AC powered products on display.

INTERNATIONAL PLUG SUPPORT

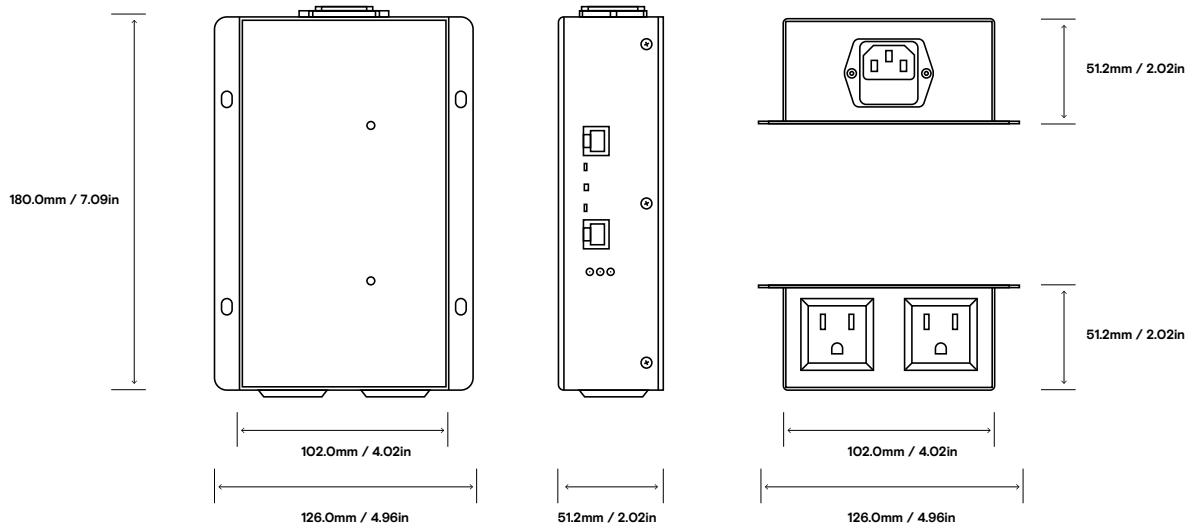International standards of input and output plugs make this device usable in any country.

OIE

Outform Interactive Editor gives you the tools to create your own experiences with ease using Control Center configuration

PRODUCT SIZE

180.0mm / 7.09in
102.0mm / 4.02in
126.0mm / 4.96in
51.2mm / 2.02in
51.2mm / 2.02in
51.2mm / 2.02in
102.0mm / 4.02in
126.0mm / 4.96in

INPUT QUANTITY	
	1

OUTPUT QUANTITY	
	2
	CAN BE CONNECTED/ DISCONNECTED TO/ FROM INPUT

INPUT AC PLUG TYPE	
	INTERNATIONAL VERSION: IEC C14

OUTPUT AC PLUG TYPE	
	INTERNATIONAL: UNIVERSAL AC PLUG

MAX SWITCHING AC VOLTAGE (INPUT –> OUTPUT)	
	250V@5A

MAX SWITCHING DC VOLTAGE (INPUT –> OUTPUT)	
	24V@5A

ESD PROTECTION	
	ODC DATA LINES: IEC 61000-4-2, LEVEL 4 (ESD)

FAQ

HOW MANY AC POWERED PRODUCT CAN BE CONTROLLED BY THE POWER SWITCH CONTROLLER?
The power switch controls up to 2 AC devices.

WHAT VOLTAGE IS THE POWER SWITCH COMPATIBLE WITH?
240V – 110V

WHAT PLUG TYPES CAN BE SUPPORTED?
US, EU, UK, AU

CAN THE POWER SWITCH BE TRIGGERED BY ANY SENSOR?
Yes, the power switch can be triggered by voice commands, buttons, motion or RFID.