■ Kumohec Interactive Flip Book
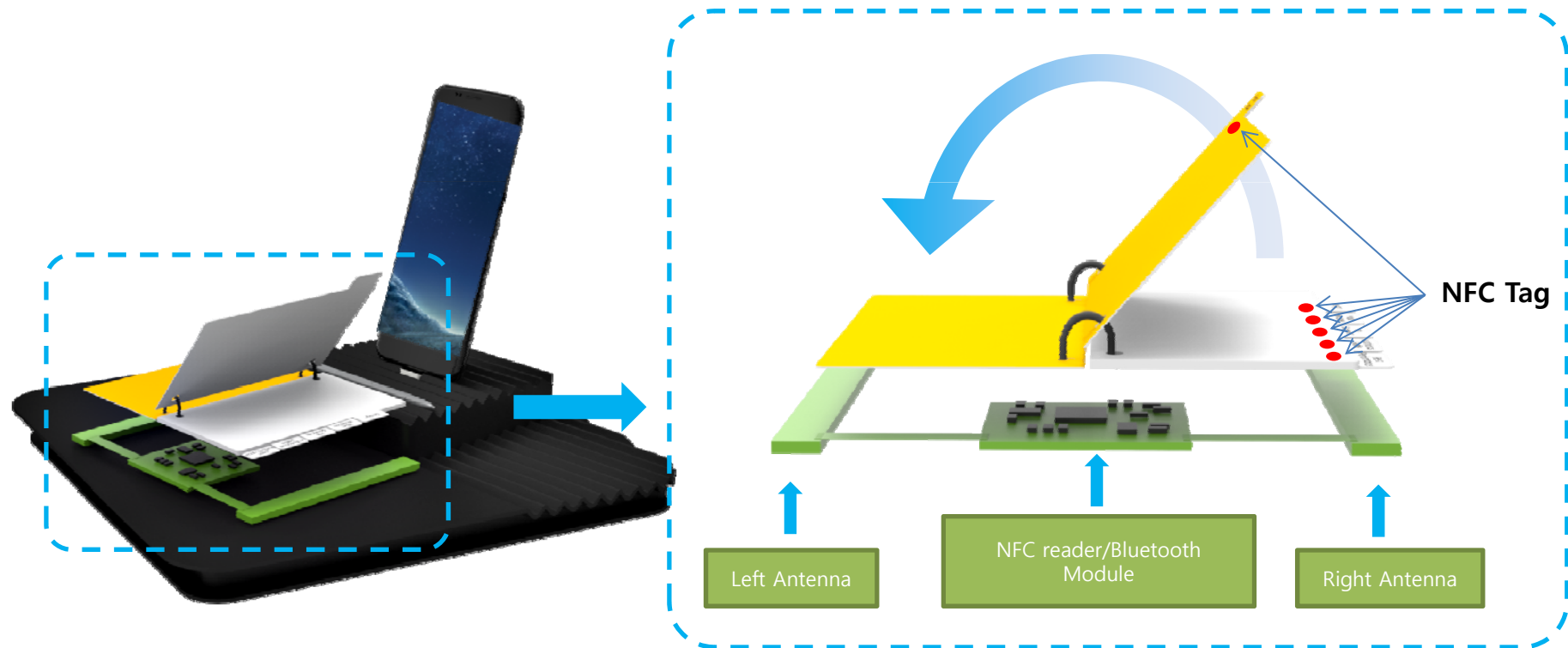

NFC Tag

| Left Antenna | NFC reader/Bluetooth Module | Right Antenna |

■ Interactive Flip Book Implementation Concept

- Each page of the Flip Book has an NFC tag built-in
- When switching the page, detect the location of the current page by detecting the tag via the left/right antenna on the NFC reader
- Send current page location information via the blue tooth module to the app on the paired terminal
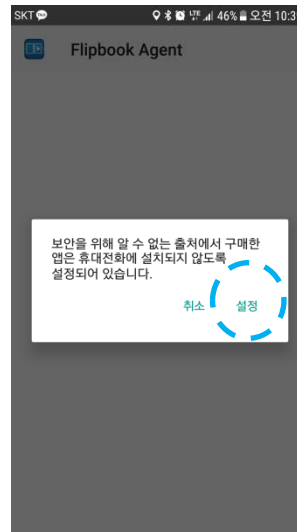- Receive the page information is related to the relevant content.

■ Kumohec Interactive Flip Book
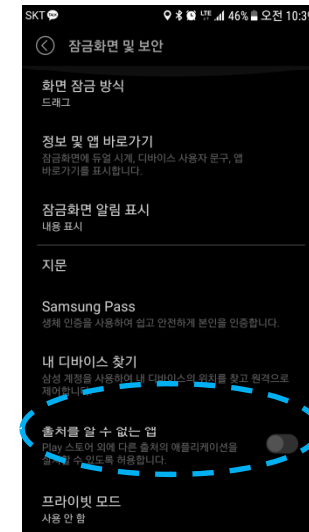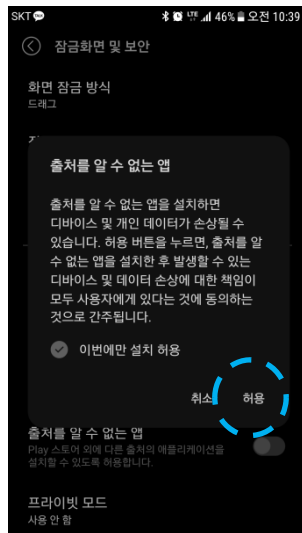
■ APP
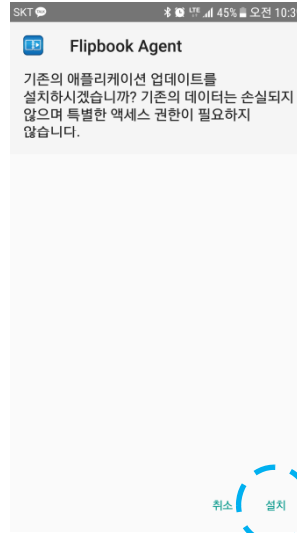### Installation 1
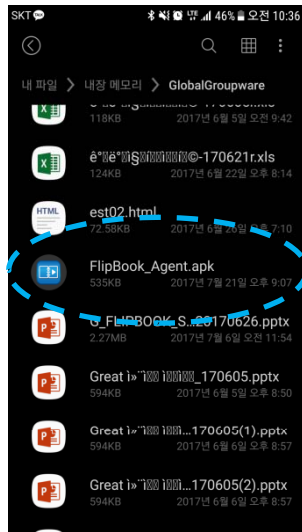
1. APP Installation

2. Setting

3. Unknown App " Click "

4. Approved

5. Installation
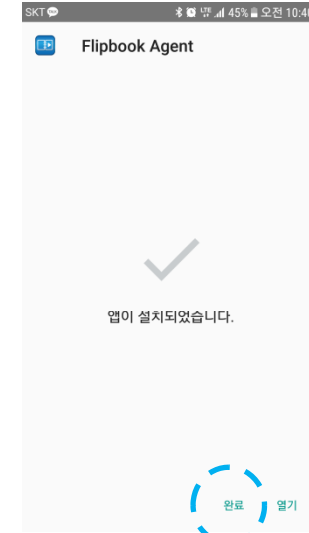
6. Completion

■ Kumohec Interactive Flip Book

■ Power connection

내경 : 2.1mm   **+**

외경 : 5.5mm   **—**

Complete interactive flip book connection

DC plug-in

*. Interactive Flip Book Module Power Input (DC12V)

*. Easy to join with the DC plug-in.

*. Kumoh Electronic support the product pack installed.

  -> SIS/SES Single, Double Flip book POSM

BT Power "On"

(Left : LED On/Off Brightness control switch

Right : Interactive Module Power On/Off Switch

■ Installation Method

- Input Power : 12V/1.5A (Power supply cable to Kumoh Electronic POSM, SIS/SES Single & Double)
- On the back of POSM, BT Switch " On "

■ Kumohec Interactive Flip Book

■ Bluetooth pairing
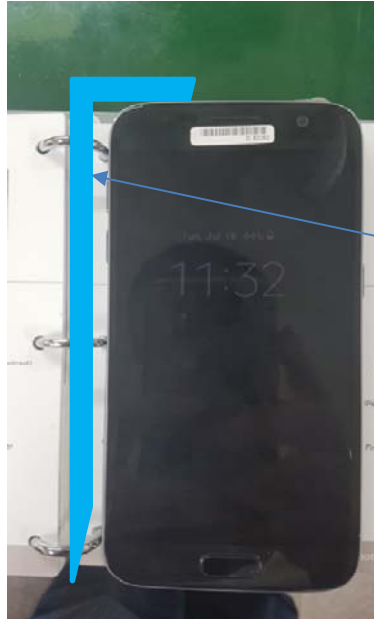
Do the Tagging after the all pages leaf to the left side and place to the left side of device in binding clip

Connect bluetooth

Connecting devivce...
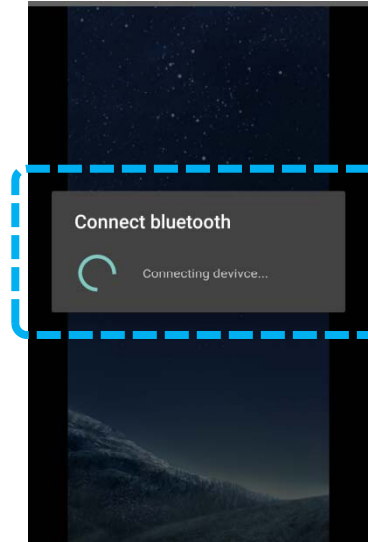
After the NFC tagging & approve the certification number and BT paring

Screen saver mode activate (Retail mode)

■ How to Installation

- BT mode is "ON" of device..
- NFC modes of device is standard
- Apply the power of Interactive Flipbook module, and do the paring by tagging with Antenna part of device.
- The paring final approval done by authentication number input.

■ Kumohec Interactive Flip Book

■ Kumoh action flow
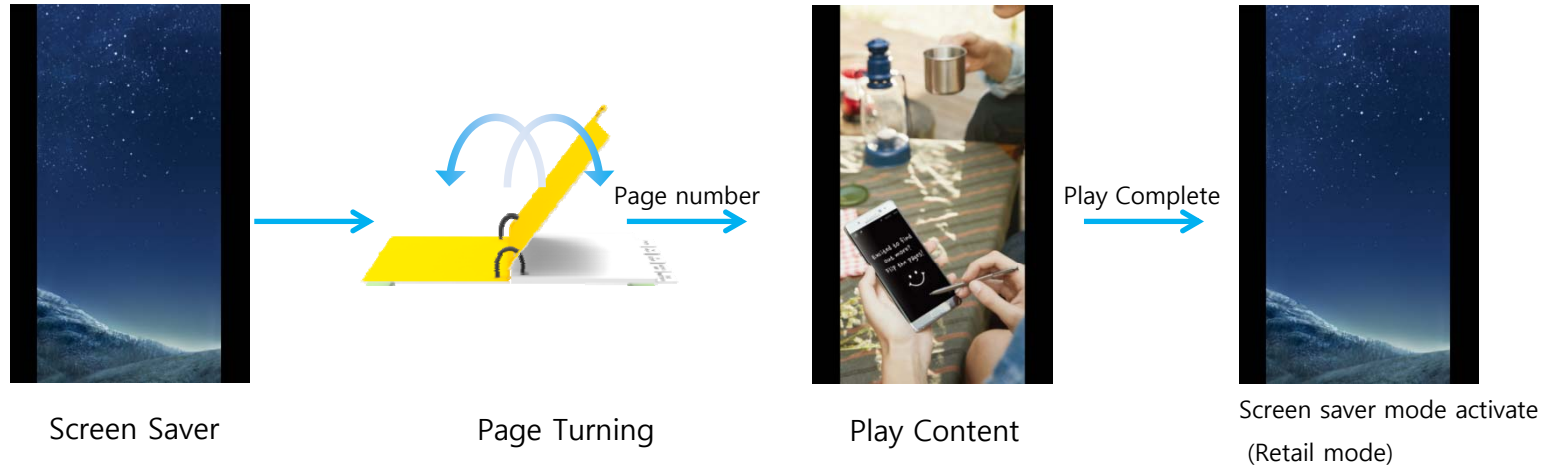
```
                                    Start

                                              ID No OK!      Check!!
                                                            BT : On
                                                            NFC : On

                                    Pairing           No
                                    (NFC
                                    Tagging)

                                      Yes

                                    Page          No, 30sec Waiting
                                    change?

                                      Yes

                              Page information
                              transmission

                                      Yes

                              Content behavior

                                      Yes

                              Content            No
                              operation
                              completed

                              Yes, 30sec Waiting

                              Screen Saver
```
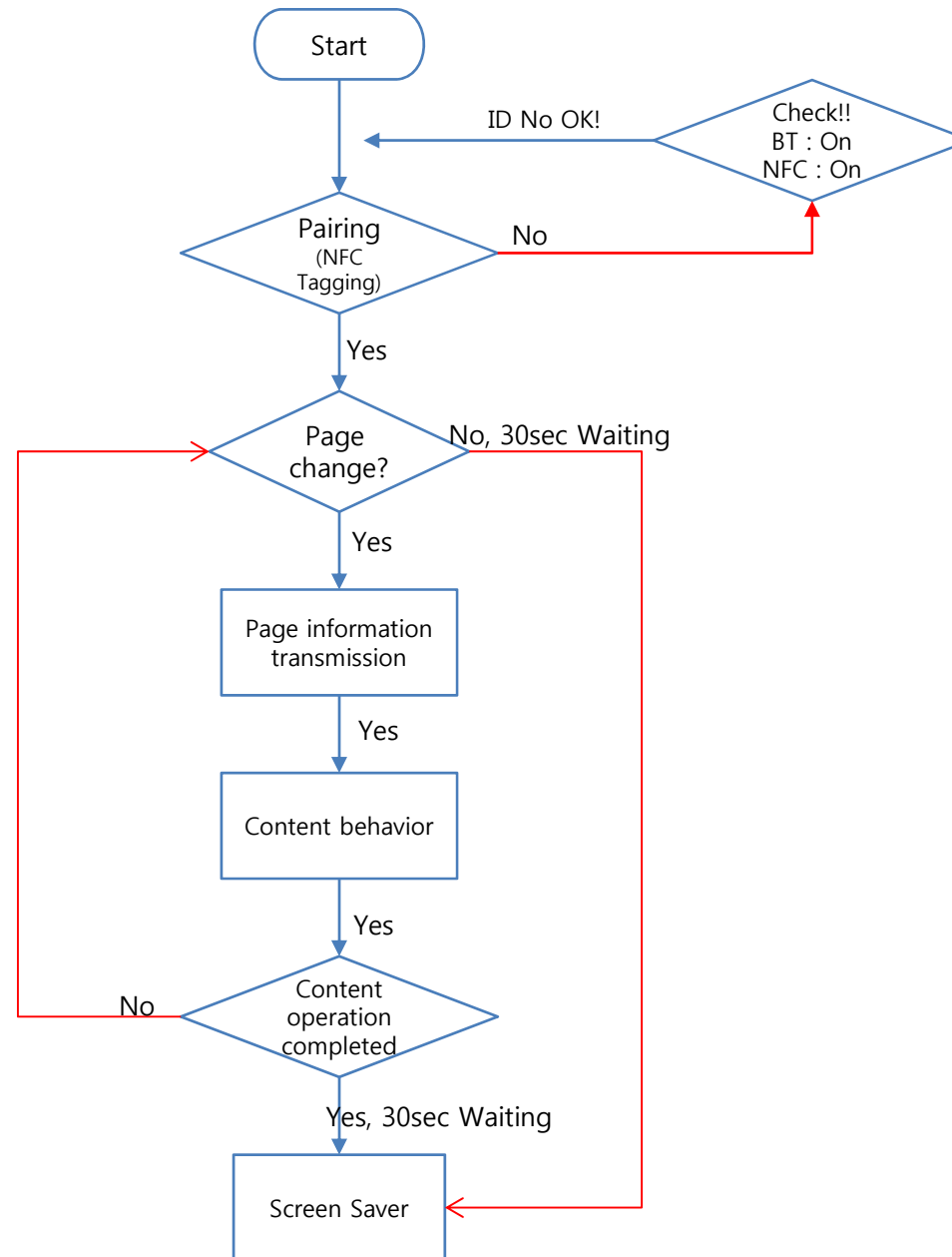
■ Kumohec Interactive Flip Book

■ Kumoh Scenario 1

Screen Saver

Page number →

Page Turning

Play Complete →

Play Content

Screen saver mode activate
(Retail mode)

■ Check!!

- Switch to a screen saver if no input is present for **30 seconds with no input** from the content replay

■ Kumohec Interactive Flip Book

■ Kumoh Scenario 2

Screen Saver

Page Turning

Page number 1

Play Content

Page number 2

Play Complete

Screen Saver

■ Check!!

- Play instant content content that corresponds to the final page information when new page information refreshes during playback
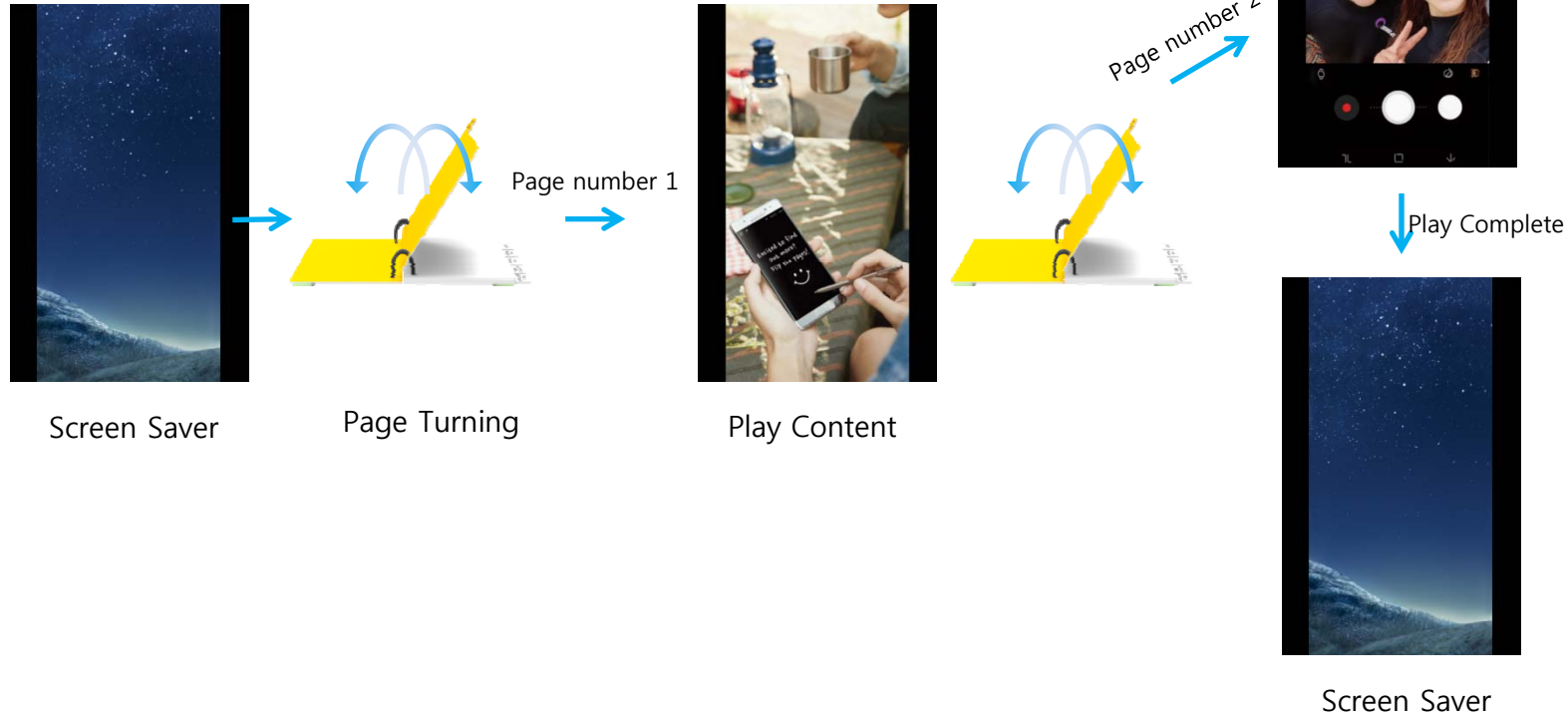- Switch to a screen saver if no input is present for **30 seconds with no input** from the content replay

■ Kumohec Interactive Flip Book

■ Package name : KG-FLIP_BT01(Tentative name)

(kr.co.kumoh.app.flipbook)

■ Intent : 1 ~ 7 page information

1. Intervention parameter for broadcast receiver
   action :
   "**kr.co.kumoh.app.flipbook.action.target_app_status**"

2. Intervention parameter turn to intent
3. 1) "**TARGET_APP_NAME**"
    App name is applied to related intent filter
 2) "**TARGET_APP_PACKAGE**"
   App package name is applied to related intent filter
 3) "**TARGET_APP_LIFE**"
    START, END, and STOP correspondent to life cycle of
APP> are included in related intent filter.
 4) "**TARGET_APP_PAGE"**
    Delovery the Index as int format 1-7. 7
 5) "**TARGET_APP_SCREEN"**
    Screen saver activation /deactivation
    Delver to int format(1.0)

FCC Warning Statement

FCC Part 15.19

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Part 15.21

Any changes or modifications (including the antennas) to this device that are not expressly approved by the manufacturer may void the user's authority to operate the equipment.

FCC Radiation Exposure Statement

This equipment complies with FCC Radiation exposure limits set forth for an uncontrolled environment. This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.

IC Warning Statement

This device complies with Industry Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) L'appareil ne doit pas produire de brouillage, et (2) L'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

IC Radiation Exposure Statement

This equipment complies with IC RF Radiation exposure limits set forth for an uncontrolled environment. This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.

Cet équipement est conforme aux limites établies par Industrie Canada en matière d'exposition aux radiofréquences dans un environnement non contrôlé. Cet appareil et son antenne ne doivent pas être colocalisés ou fonctionner en conjonction avec tout autre antenne ou émetteur.

Cet équipement doit être installé et utilisé avec une distance minimale de 20cm entre le radiateur et votre corps.