

Smart Baggage Test Unit

SMART BTU



Ultrasonic Type

3D Camera Type

CAS Smart Baggage Test Unit

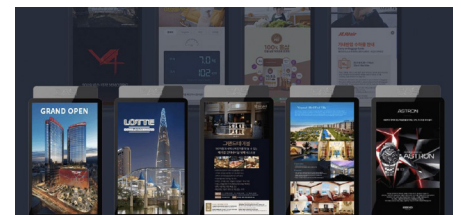
CAS Smart BTU simultaneously measures baggage weight and size via digital scale and volumetric sensor. It is the intelligent device that determines whether it can be carried or checked in accordance with airline regulations, and can also be used as an intelligent broadcast channel that organizes, transmits and operates various content and services via a large display.



Baggage weight/size measurement



Airport information display



Public information and Promotion

SMART BTU

Measuring baggage weight and size, and delivering a variety of smart content
New media platform for traveler convenience and entertainment



Ultrasonic Type (Freestanding type)

Hardware/Software

- Check baggage weight and size
- Automatic determination of checked or carry-on baggage based on airline regulations
- Supports 4 languages (Korean, English, Chinese, Japanese)
- Built-in high-performance PC
- 43" UHD display
- User-friendly design

Service Content

- Provide services such as advertising, information, vouchers, games, etc.
- Provide entertainment through various contents and services such as augmented reality selfies, fat, kids, cooking, etc.

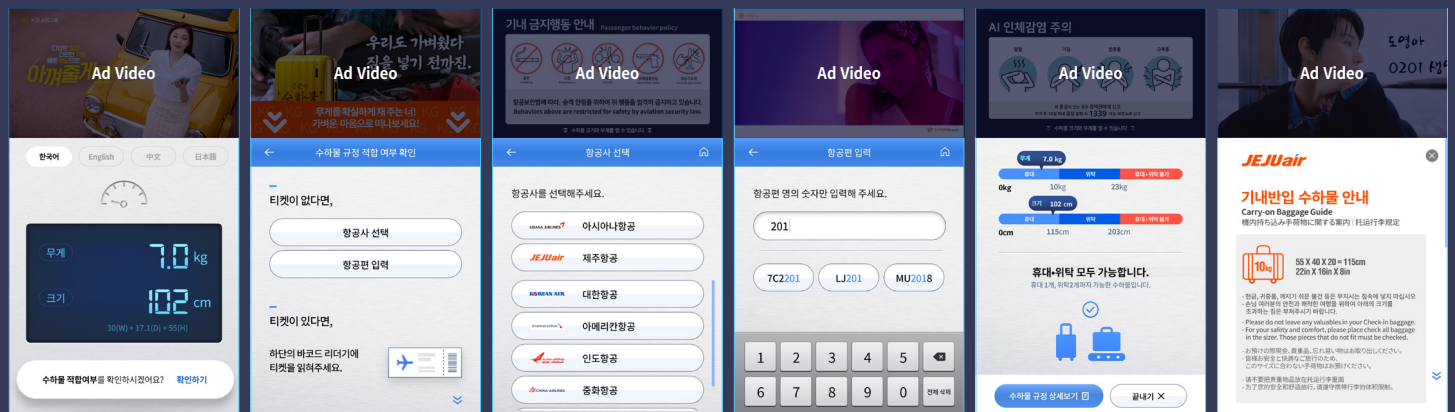
Operation

- Collecting content details and usage data
- Real-time error alerts
- Screen linking or sequential exposure
- Control function
- Digital show, space event linkage, etc.



3D Camera Type (Semi-recessed type)

Baggage measurement and determination of checked or carry-on baggage



- 1 Check measurement
- 2 Check for baggage suitability
- 3 Choose an Airline
- 4 Enter flight code
- 5 Determination of checked or carry-on
- 6 Check baggage regulations

Displaying various contents and advertising/promotional videos, detailed analytics reporting



Ultrasonic Type (Freestanding type)



3D Camera Type (Semi-recessed type)

Specifications

Type	Ultrasonic Type	3D Camera Type	
Model	BTU5240-150-435U	BTU7040-200-435C	BTUP7040-200-275C
Installation Type	Freestanding type	Semi-recessed type	Freestanding type
Weighing Capacity	Max. 150kg	Max. 200kg	
Dimensioning Range	Max : 390(W) x 280(D) x 650(H) mm	Max : 600(W) x 400(D) x 1,100(H) mm	
Product Size	640(W) x 605(D) x 2,077(H) mm	860(W) x 832(D) x 2,122(H) mm	758(W) x 822(D) x 1996(H) mm
Sensor Type	Ultrasonic (6ea)	3D Camera	
Supported Language	4 Languages (Korean, Chinese, Japanese, English)		
Display	43" UHD Touchscreen	43" UHD Touchscreen	27" FHD Touchscreen
Boarding pass Recognition	Boarding Pass Barcode, QR code	Boarding Pass Barcode, QR code	
Function	O/X determination of carry-on baggage availability by airline	O/X determination of free checked baggage eligibility by airline	



BTU5240-150-435U

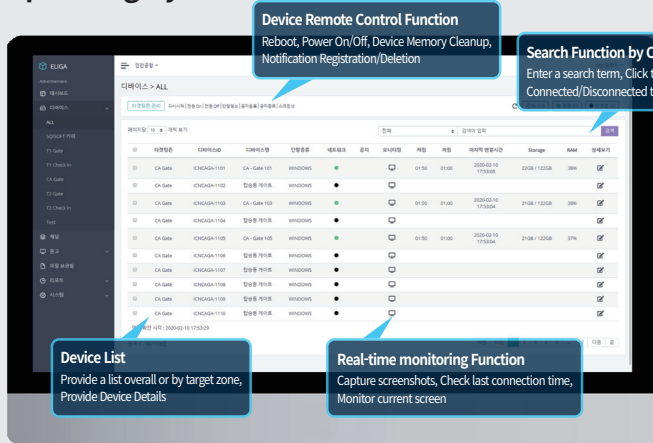


BTU7040-200-435C



BTUP7040-200-275C

Operating System



Device Remote Control Function
Reboot, Power On/Off, Device Memory Cleanup, Notification Registration/Deletion

Search Function by Condition
Enter a search term, Click the Connected/Disconnected tab

Device List
Provide a list overall or by target zone, Provide Device Details

Real-time monitoring Function
Capture screenshots, Check last connection time, Monitor current screen

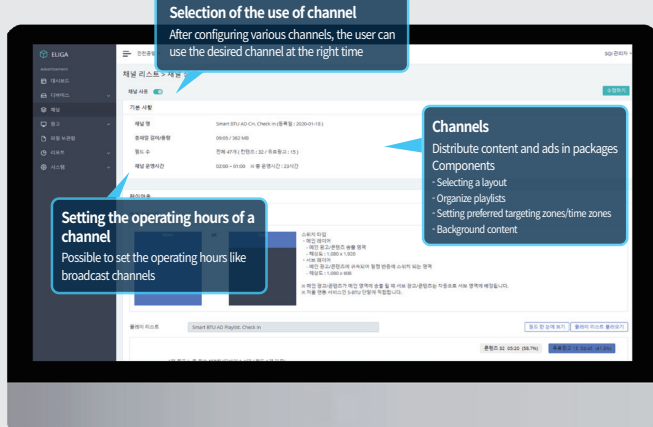


Remote management
Automatic Power On/Off Setup
Automatic Power reboot setup
Device Power Off setup by holiday/weekend/day

Check device information and status
Check and set basic information such as device ID, device name, type, etc.
Check device status
- Check storage information
- Volume setup
- View screenshots by date
Other Information
- Set up monitoring / check / screenshot cycle in detail
- Provide a separate alarm for the check cycle

System monitoring function

Automatic system control function

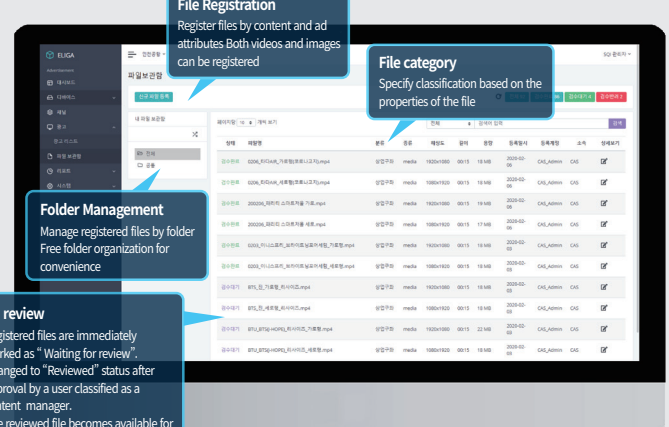


Selection of the use of channel
After configuring various channels, the user can use the desired channel at the right time

Channels
Distribute content and ads in packages
Components
- Selecting a layout
- Organize playlists
- Setting preferred targeting zones/time zones
- Background content

Setting the operating hours of a channel
Possible to set the operating hours like broadcast channels

Manage content and ad delivery with channels



File Registration
Register files by content and ad attributes Both videos and images can be registered

File category
Specify classification based on the properties of the file

Folder Management
Manage registered files by folder
Free folder organization for convenience

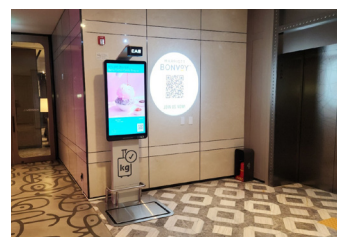
File review
- Registered files are immediately marked as "Waiting for review".
- Changed to "Reviewed" status after approval by a user classified as a content manager.
- The reviewed file becomes available for channel and ad registration

Organized file registration system

Expected Effect

- **Prevent baggage overweight** : Smart BTU allows passengers to verify that their luggage does not exceed the airline's weight limit. This helps them avoid extra charges for excess weight.
- **Improve the efficiency of the boarding process** : The airport check-in process is faster and more efficient because passengers can check and adjust the weight of their baggage in advance, saving time for both passengers and airport staff.
- **Less stress** : Passengers can arrive at the airport without worrying about the weight of their baggage. They can check the weight in advance and adjust their items if necessary, reducing unnecessary stress at the airport.
- **Improve operational efficiency for airports** : From an airport perspective, Smart BTU contributes to increasing the efficiency of the baggage management process. It reduces unnecessary arguments and procedural delays, and makes overall airport operations smoother.

Installation Case



- ▲ Incheon International Airport Terminal 1/2
- ◀ Hotel

