Arantia TV Middleware Business, Customized for Marriott International's Guestroom Entertainment System



This server integrates a unique guestroom entertainment platform solution according to Marriott International's guidelines. The middleware is in charge of the distribution of interactive services to the IPTV devices through a powerful and intuitive interface, which can be customized to work in line with Marriott standards.
By means of this web-based middleware, the final user will gain access to the configured services: IP television service with channel list that can be customized per user or group of users, electronic program guide, connect mobile devices, messages, weather information, music choices, hotel promotional information (special offers, hotel events, hotel services...), check guest expenses, wake up alarm, etc. via the TV.

Ref.	83032004
EAN13	8424450204986

Other features	
Number of users	Up to 100 Users

Packaging info	
Box	1 pcs.

Physical data	
Net weight	6,350.00 g
Gross volume	12.49 dm³
Gross weight	6,350.00 g
Width	437.00 mm
Height	43.00 mm
Depth	420.00 mm
Main product weight	6,350.00 g

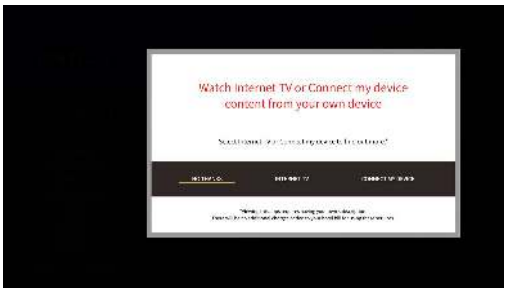
Highlights

- Based on web technology

- NO/NC alarm systems compatible
- Powerful backend with a complete management tool that allows to configure all the system settings and options (rooms, players, services, customized main menu, etc.)
- Middleware frontend compatible with popular end user devices (TV's and STB's) deployed in Hospitality IPTV projects*
- Available services:
    - Integration with PMS (Property Management System) and PMS Adapter
    - Welcome screen
    - Television
    - Channel guide
    - Internet TV
    - Music choices
    - Hotel information
    - Messages
    - Weather information
    - Wake up alarm
    - View Bill
    - Languages

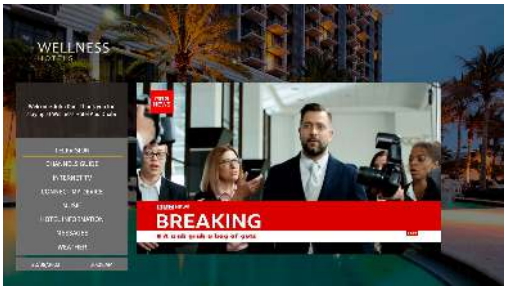
** Ask our technical or sales team for the list of compatible devices.*

Services



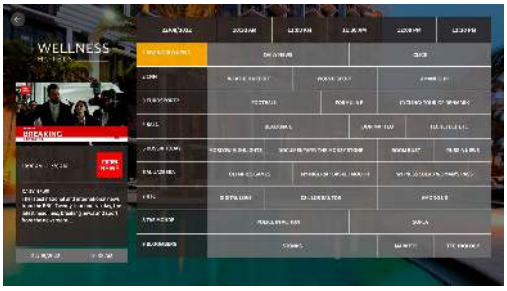
Welcome Screen

The welcome screen includes the Welcome Message and the Services Menu. The property can select the services to be included in the screen and also how to distribute them and the menu and submenu levels. It supports video, menu, welcome messaging and navigation elements.



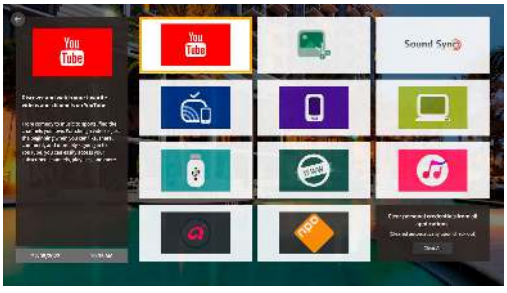
Television

IPTV services allows distribution of TV channels from DTT, satellite, cable or IP sources, enabling all services provided are incorporated into a single system regardless of the source.
It is possible to include thus, A/V signals of multiple origin, as CCTV or ECDIS systems.
The channel banner appears on the screen for 4 seconds when the user first arrives on full screen program; when the user selects “OK” on the remote, the channel banner will appear/disappear from the screen. If the user presses the right arrow key, it will be possible to access to next program information. Then, if the user presses the left arrow key on the remote control, the information for the current TV program will appear again. The banner information will disappear from the screen if there is no interaction from the user, and it will appear again on the screen if the user presses OK or INFO on the remote control. Through the management application, the system manager can configure the access permissions to the TV channel per room or group of rooms and the channel list can be ordered according to the user language.



Channel Guide

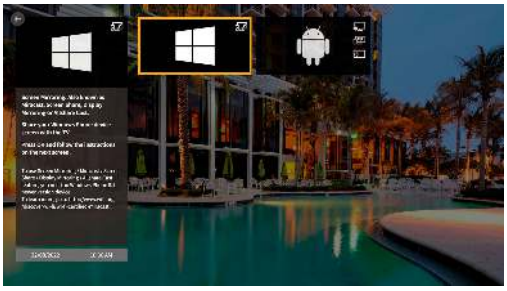
When selecting the Channel Guide service, the complete TV Guide will appear on the screen. If the user presses the TV Guide button on the remote control while watching a TV channel, the TV Guide will appear on the screen, showing the information for that specific TV channel (that will be marked in yellow on the TV guide screen). It is possible to navigate through all the elements of the TV Guide using the arrow keys on the remote control.
The TV Guide has been optimized in order to minimize the loading time and the time it takes to change the information and channel playing while navigating through the information for one TV channel (right-left) or through the information for different channels (down-up).
If the user presses the OK button on the remote control, the system will be redirected to that specific TV channel that will be played in full screen mode.



Internet TV

When selecting the Internet TV Service, the user will be able to view the list of available applications and the information associated with each of them. If the user decides to watch specific recommended content in applications such us YouTube, he/she will be able to sign in and watch his/her favourite content. The user will keep signed in until he/she selects to clear credentials or until guest check out, so next time the user enters the application, it will not be needed to sign in

again.
If the user selects the Clear personal credentials option, all personal information recorded in the system will be deleted. Next time the user enters again in the application, he/she will need to sign in again in order to access his/her personal videos.

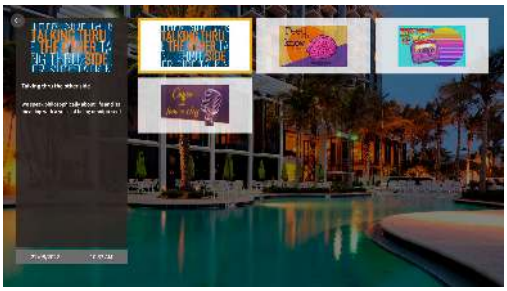


Connect My Device

Options:

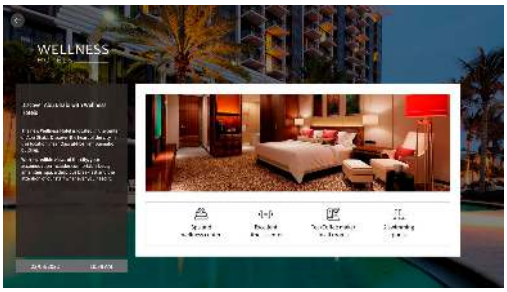
- Android: Streaming (mirroring) from enabled devices to the TV.
- Windows: Streaming (mirroring) from enabled devices to the TV.
- Chromecast: Stream content (casting) from cast enabled apps that the guest has already installed on his/her mobile device to the TV through Chromecast.

When the user select one of the options, the instructions for connecting his/her device through the selected option will appear on the screen.
When pressing MENU /PORTAL on the remote control, the user will be redirected to the Guestroom Entertainment system, and the main menu will appear on the screen.



Music

Service that includes specific access to a selection of music choices.
When the user selects one of the music options, a pop-up appears on the screen and the selected music option starts playing.



Information Services

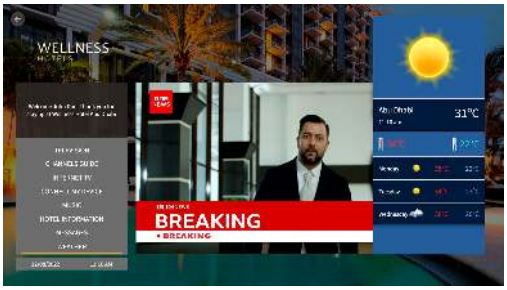
If the user selects the Hotel Information service, the sub-menu with the elements that have been included in the system will appear on the screen.

For each sub-menu the customized information that interest to be shown will be added to the system (text and images).
When the user selects one of the elements, the information for the sub-menu selected will be shown on the screen.
The information displayed can be customized according to the hotel needs in order to show tourism info, recreation activities info, etc.



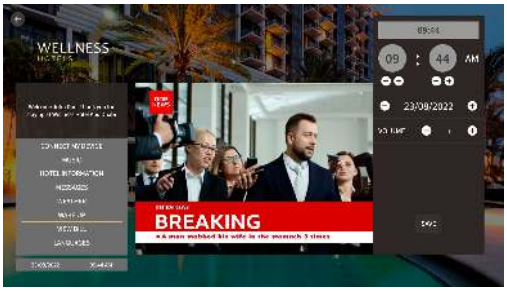
Messages

When the user selects the Messages service, the list of read and unread messages will appear on the right part of the screen.
If the guest receives a new message, an envelope icon will also appear on the bottom of the main menu, on the left side of the date, so the user will know that he/she has a new message.
The options for message management are: read and delete message.



Weather Widget

When the user selects the Weather service, the Weather widget will appear on the right part of the screen.



Wake Up

Guests can set a wake up alarm directly on the TV. The options that the user will be able to configure are: time, date and TV volume for the wake up alarm. At the time of the alarm, the TV will be switched ON and CNN English channel will start playing, showing the wake up message.
If a wake up alarm has been activated, a clock icon will appear on the bottom of the main menu, on the left side of the date.



View Bill

When the user selects the View Bill service, the View Bill widget appear on the right part of the screen.
The user will be able to read all his/her expenses on the screen.



Languages

The list of languages included in the system is: Arabic, German, French, Italian, English, Spanish, Portuguese and Russian.
All the text elements included in the system have been translated to each one of these languages, so when one language is selected, all the elements will appear translated to that language.



Corporate Channel

Television will be converted into personalized information points, since the company will be its own content producer. This is an information channel where it is possible to advertise events, promote the property, etc.
Corporate Channels can be generated and included in the channel list.

Technical specifications : Ref. 83032004

Storage capacity	GB	240
Number of Gigabit Ethernet ports (10/100/1000BASE-T)		4
Number of dedicated RJ45 IPMI connectors		1
Input voltage	Vac	100 ... 240
Mains frequency		50 Hz / 60 Hz
Max. power consumption	W	350
Energy efficiency	%	92
Operating temperature	°F	23 ... 95
Relative humidity	%	8 ... 90