






Dexin IPTV System

Product Overview

With the development of wide band and popularization of intellectualized service, digital TV service becomes diversified day by day with integrating live programs, entertainment, games, travel and business in one system. Hospitals, hotels and operators can only increase their brand visibility and customer satisfaction by providing more multimedia service and more enjoyable experience.

Dexin IPTV hotel system is open, compatible and easy to dock with the original hotel system. It provides the Live TV, VOD, room Service, Food and Beverage Service and other value-added services. Dexin can also design system as per customers' special requirements.

Functions

		
Function List:		
<ul style="list-style-type: none"> Live VOD Hotel Intro Dining Sceneries Housekeeping Checking APPS 	<ul style="list-style-type: none"> Live VOD Hospital Intro Doctor Intro Department Intro Rehabilitation APPS 	<ul style="list-style-type: none"> Live VOD Timeshift APPS



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Advantages

Live Channel/Playback

- Support HD/SD cable channel, satellite channel and hotel self-made channel broadcast
- Support playback shifted live channel, shifting duration can be customized

VOD

- Support up to 1080P/60Hz full HD video
- Support hardware decoding, play HD videos smoothly
- Classify movie files, convenient for selecting

Advertisement System—Value added Services

- Hotel or hospital owners can set up advertisement business to increase revenues.
- Ad modes include booting ad, VOD ad, pictures and text ad etc

Mass HD Programs

- Support 1080P/60Hz full HD video
- Mass resource of Video on Demand including movies, entertainments, factual shows and etc

CAS (Conditional Access System)

- Our conditional access system gives the customer choice over pay channels and which prevent unauthorized access.

PMS integration

- Support IPTV system integrate with hotel PMS

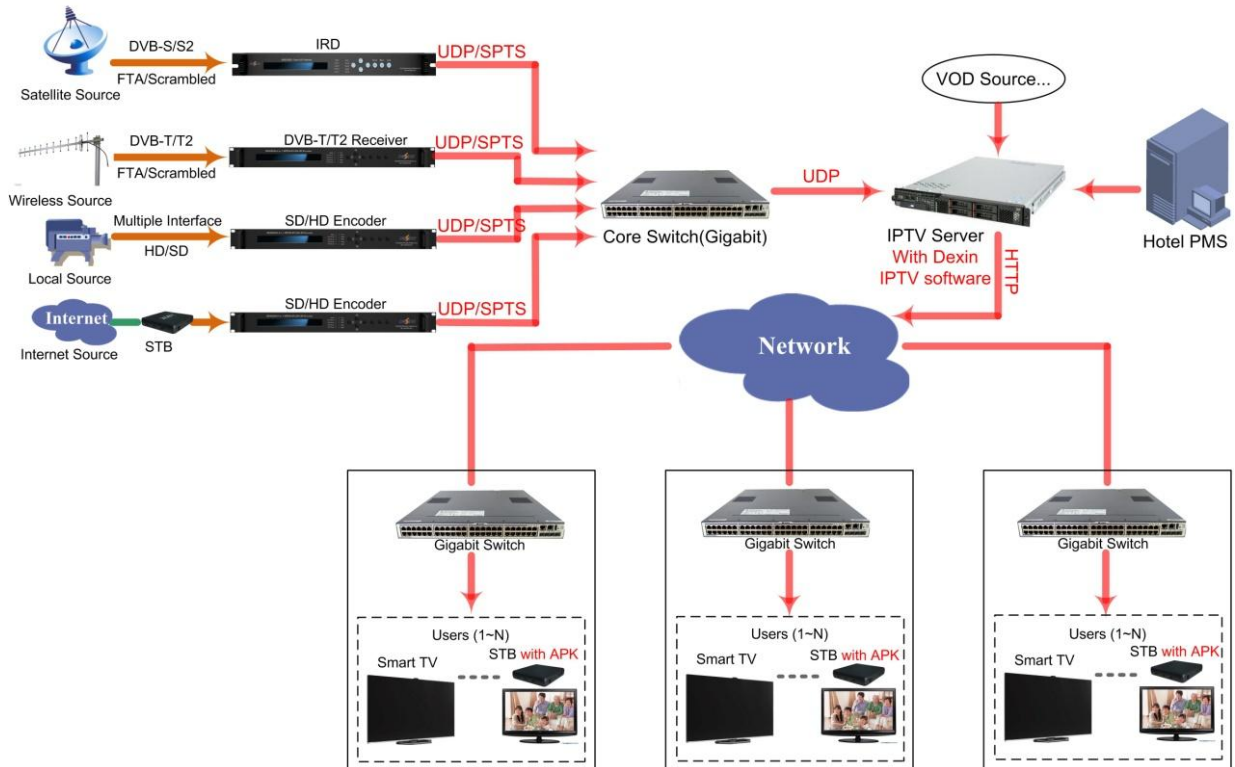
Solution Map



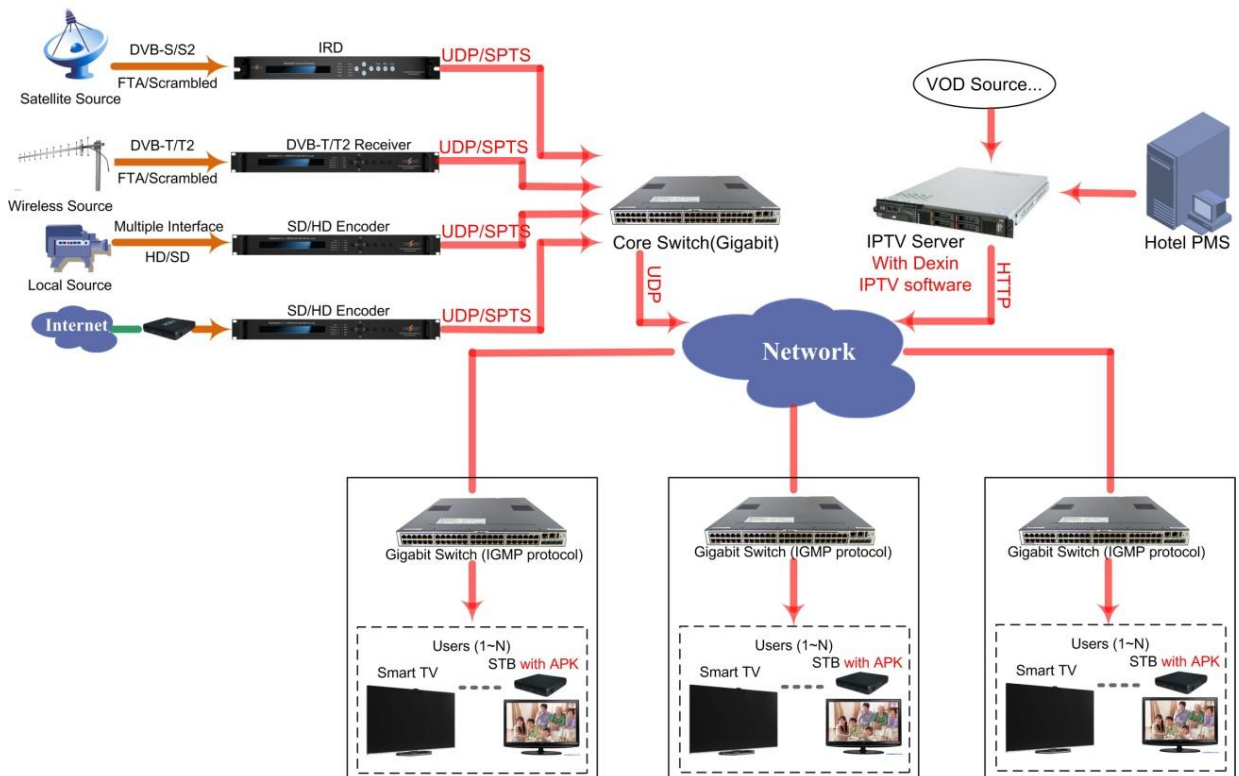
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Live/VOD programs Unicast(HTTP)



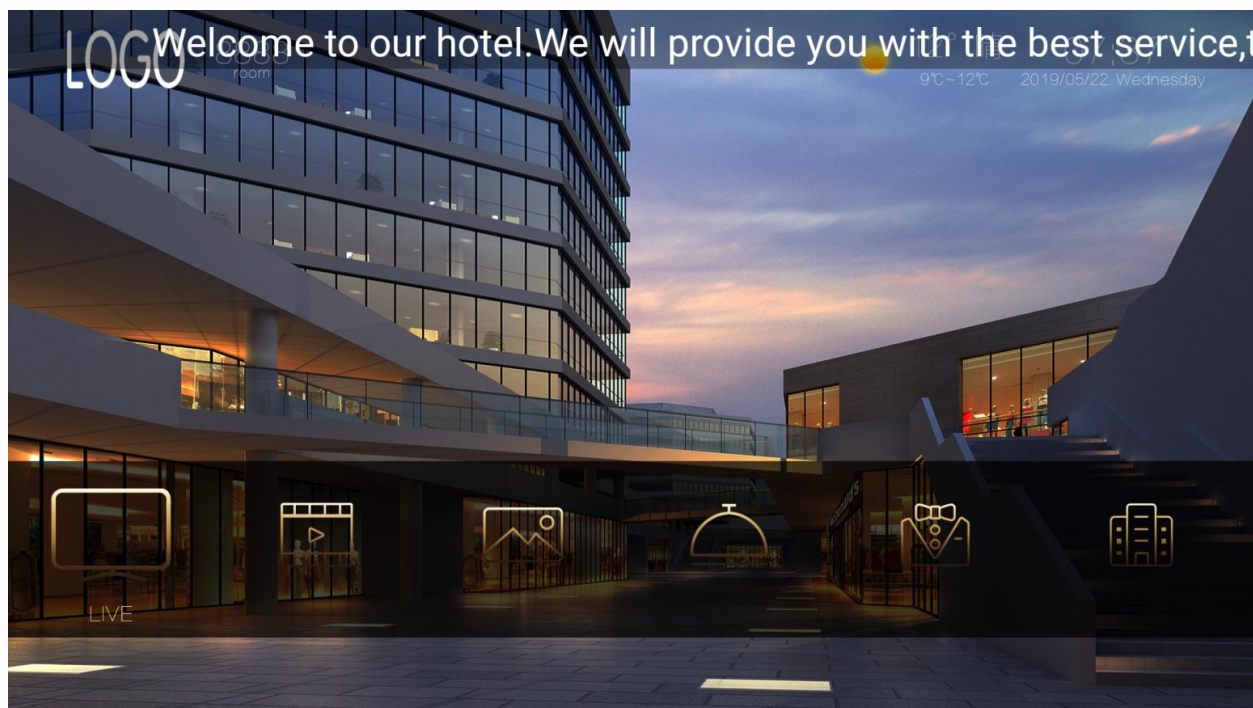
Live/VOD Programs Multicast(UDP)



IPTV Server Recommended configuration

Number of STB	Server Configuration			Switch	Remarks
300≤	IPTV Server: Dell730	CPU: Xeon E5-2609 v3 Memory:16G Network: Four-port Gigabit NIC Storage: configure as needed (suggest 1T above)	1 set	Gigabit	If the UDP protocol is adopted in live services, switches of access layer should support IGMP protocol.
500≤	IPTV Server: Dell730	CPU: Xeon E5-2640 v4 Memory:32G Network: Four port Gigabit NIC Storage: configure as needed (suggest 1T above)	1 set	Gigabit	(1) If the system has high requirements for VOD services and video playback services, like online VOD is with over 300 terminals, it is strongly suggested to configure a storage server. (2) If the UDP protocol is adopted in Live services, Switches of Access Layer should support IGMP protocol.
	IPTV Storage Server: OceanStor S2200T	Cache: 16G Storage: configure as needed	1 set (Optional)		
> 500	IPTV Server: Dell730	CPU: Xeon E5-2640 v4 Memory:32G Network: Four port Gigabit NIC Storage: configure as r needed (suggest 1T above)	1 set	Gigabit Switches and Switches of Access Layer should support IGMP protocol	If the system has high requirements for VOD services and video playback services, like online VOD is with over 300 terminals, it is strongly suggested to configure a storage server. The specific model should consult storage server supplier.
	IPTV Storage Server	Storage: configure as needed	1 set (Optional)		

Client Main interface



WEB Home Page

IPTV Management System

Backup Restore Upload Client Status Message

Requests Room Services CheckOut Requests

3 Free 1 Online 5 In \$0 Today

Home

Tips

- The port of live program need to bigger than 2000
- If you want to import live programs, please download the file [live_program_import.xml](#)
- If you want to import the EPG of live program, please download the file [Text File](#) , [Excel File](#)
- [IPTV Management System User Manual](#)

Checking Client information

Client Information

Home / Client Information

Add Import Delete

input keywords to filter.

ID	Client Name	MAC Address	Client Group	WiFi	IP Address	APK version	Status	Operation
1	ROOM 8506	C4:4E:AC:0B:2B:E4	5F	OFF	192.168.58.66	1.2.2	Offline	Edit Delete
2	ROOM 8509	8A:6D:E4:F7:9F:CD	5F	OFF	192.168.58.159	1.2.9	Online	Edit Delete

Check in Management

Client Status

Home / Client Status

input keywords to filter.

Client Name	Sum	Cost	Remainder	Time
ROOM 8506 5F Customer :Joe	\$0.0	\$0.0	\$0	2017-11-06 20:18:11
ROOM 8509 5F Customer :Christian	\$0.0	\$0.0	\$0	2017-11-18 16:31:31

Live Programs Management

Live Program

Home / Live Program

Add Import Reset EPG Upload Delete

input keywords to filter.

Id	Name	URL	HTTP Bitrate	Image	Client Image Visibility	Timeshift	EPG	Operation
1	CCTV-1	udp://239.93.0.88:5140	7810kbps		Visible	Start	EPG	Edit Delete
2	CCTV-2	udp://239.93.0.111:5140	2810kbps		Visible	Start	EPG	Edit Delete



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VOD Management

Home

Client

Program

Live Packages

Live Program

VOD Type

Video Upload

VOD Program

Forced in-stream

Advertisement

Custom

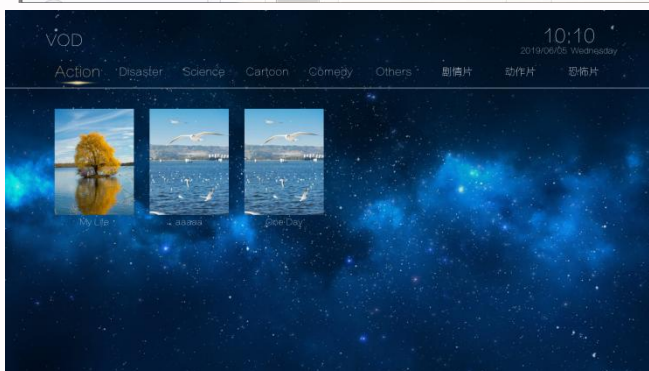
VOD Program

Home / VOD Program

AddDelete

input keywords to filter:

ID	Poster	Name	Price	AreaLanguage	Director/Actors	Screen Time	VOD Type	Click Rate	Operation
1		My Life Hot HD	\$0.0	America English	Jack Smith Tomking, Alice	2013.6.18	Action	73	
2		aaaaa Hot HD	\$0.0	America English	Jason Aom	2018.12.15	Action	1	
3		One Day Hot HD	\$0.0	America English	Alex Eason	2017.12.5	Action	0	



Advertisement

Home

Client

Program

Advertisement

Rolling Subtitles

Boot Images

Index Page Video

Rolling Subtitles

Home / Rolling Subtitles

Add

Delete

Style

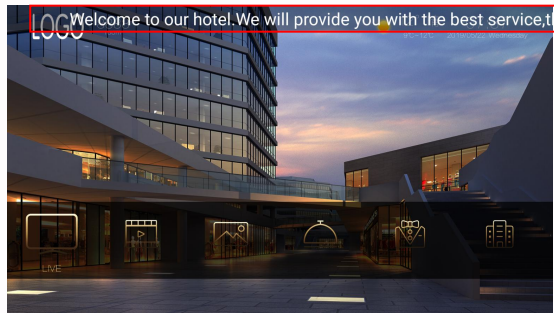
input keywords to filter

<div><input type="checkbox"/></div>	Content	Description	Date	Time	Status	Operation
<div><input type="checkbox"/></div>	1	Welcome to YueTing Hotel!!		All	All	<div>Transmitting</div> <div><div><div></div></div><div><div></div></div><div><div></div></div></div>
<div><input type="checkbox"/></div>	2	advertising advertising advertising advertising advertising advertising	8506	All	10:20:00~11:20:00	<div>Waiting</div> <div><div><div></div></div><div><div></div></div><div><div></div></div></div>



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Home

Client

Program

Advertisement

Rolling Subtitles

Boot Images

Index Page Video

Boot Video

Music

Custom

Authority

Data

System

Boot Images

Home / Boot Images

AddDelete

input keywords to filter.

ID	Image	Image Type	Description	Operation
2		Boot Images		
9		Welcome Background		
10		LOGO		
11		Vod Player Watermark		
12		Background picture of secondary page		

Welcome Words

Home

Client

Program

Advertisement

Custom

Welcome Words

<















Hotel introduction












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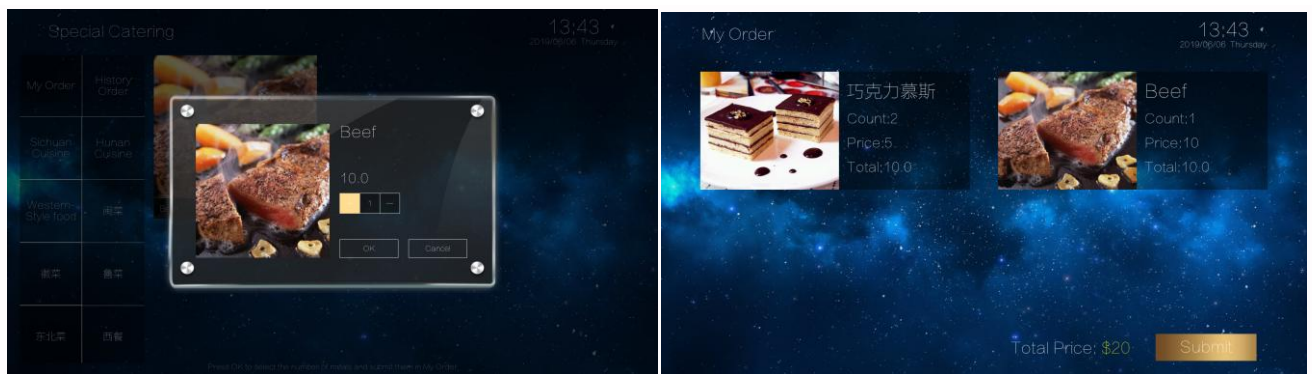
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Home	Hotel							Home / Hotel
Client								Add Delete
Program	input keywords to filter.							
Advertisement	ID	Image	Name	Address	Opening Hours	Name	Description	Operation
Custom	1		Room			Room Introduction	Room	 
Welcome Words	2		Lobby			Hotel Introduction	Lobby	 
Menu Style	3		Bar	The sixth floor	18:00-24:00	Hotel Introduction	Bar	 
Hotel Information	4		Hotel Landscape			Hotel Introduction		 
Hotel								
Food Type								
Food								
Goods								
Goods Record								
Scenery								

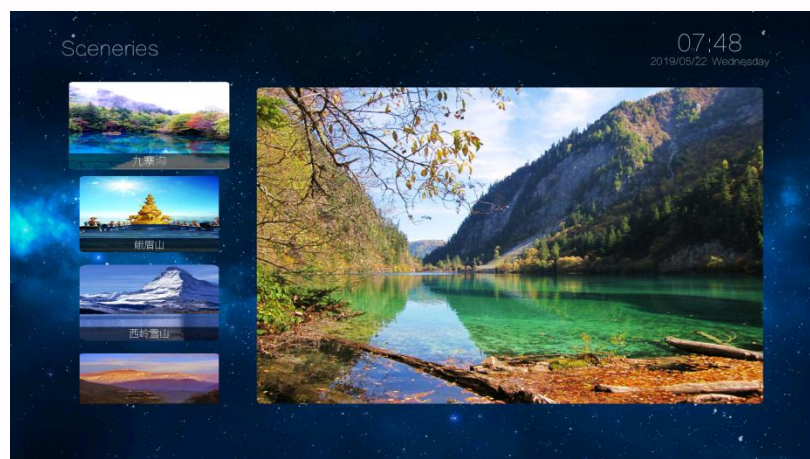
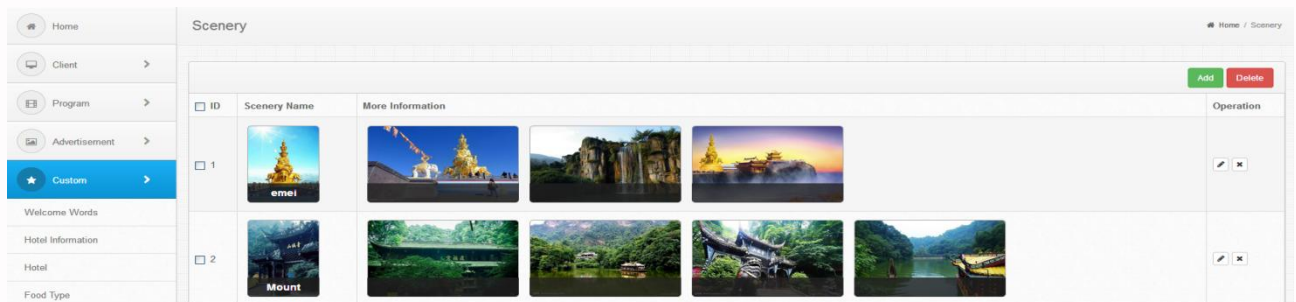


Food Ordering

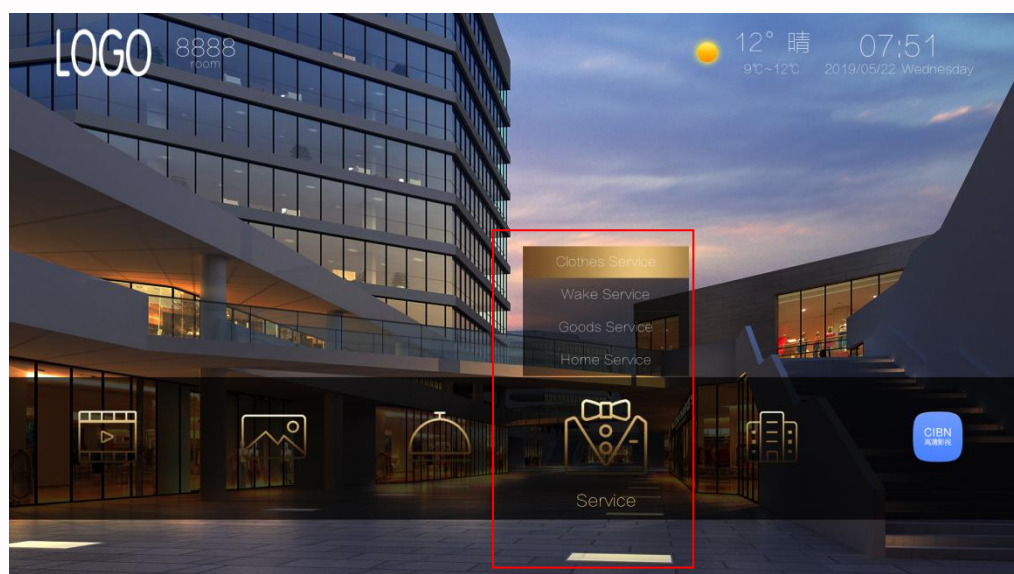
Client								Add Delete
Program	input keywords to filter.							
Advertisement	ID	Image	Name	Price	Food Type	Description	Sale Count	Operation
Custom	1		Beef	\$10.0	Western-Style food		54	 
Welcome Words	2		巧克力慕斯	\$5.0	Sichuan Cuisine		30	 
Menu Style	3		坚果派	\$8.0	Sichuan Cuisine		14	 
Hotel Information								
Hotel								
Food Type								
Food								



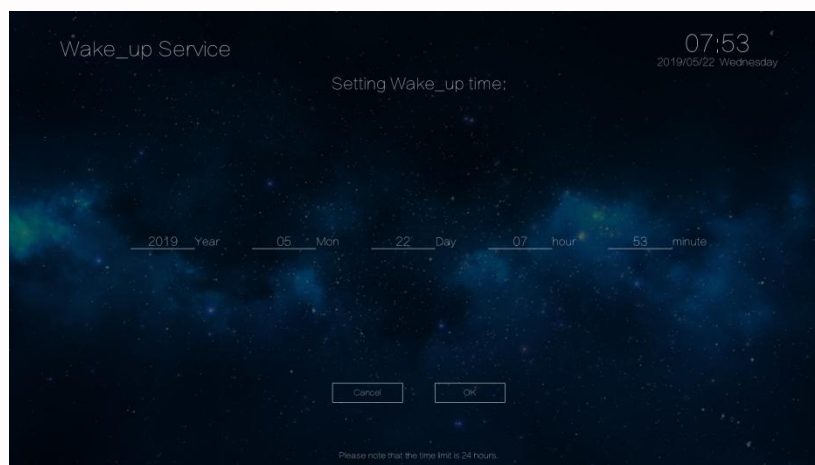
Scenery Introduction



Room Services



Wake Service



Goods Service

Advertisement

Custom

Welcome Words

Menu Style

Hotel Information

Hotel

Food Type
















Food

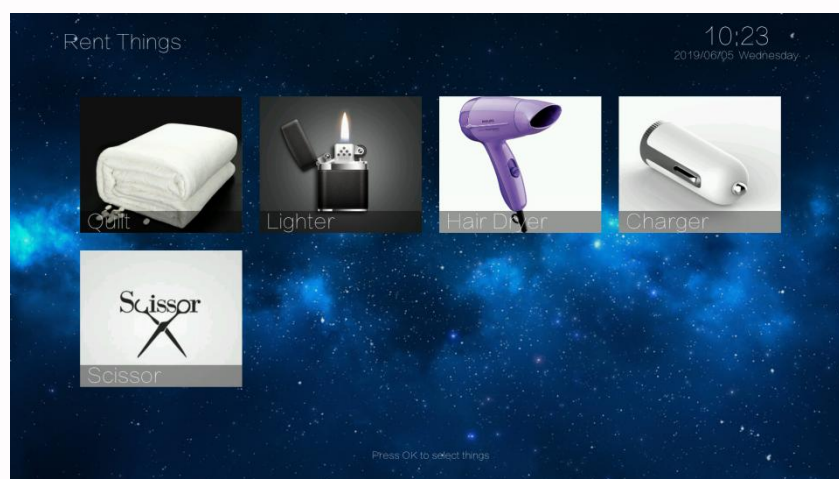
Goods

Goods Record

Scenery

Authority

ID	Image	Name	Count	Operation
1		Quilt	1	 
2		Lighter	2	 
3		Hair Dryer	4	 
4		Charger	3	 
5		Scissor	2	 



Order Processing

IPTV Management System

Requests 1 Room Services 5 CheckOut Requests 1

0 Free 1 Online 2 In \$0 Today

Home Client Program Advertisement

Requests

ID	Client Name	Customer	Details	Order Time	Received time	Finished time	Status	Operation
1	ROOM 8509	Christian	Chocolate Mousse * 4	2017-11-19 10:44:18			ordered	Receive Delete

Room Services

ID	Client Name	Customer	Service Name	Details	Order Time	Response Time	Status	Operation
1	ROOM 8509	Christian	Butler Service		2017-11-19 10:43:45	2017-11-19 10:46:45	Answered	Finish Delete
2	ROOM 8509	Christian	Wake Up Call	Wakeup Time: 2017-11-19 10:43:00	2017-11-19 10:43:52		Room Service Request	Response Delete
3	ROOM 8509	Christian	Goods Borrowing	Power converter	2017-11-19 10:43:55	2017-11-19 10:46:46	Answered	Finish Delete

CheckOut Requests

ID	Client Name	Customer	Order Time	Response Time	Status	Operation
1	ROOM 8509	Christian	2017-11-19 10:44:31		Room Service Request	Receive Delete

System Setting

Backup Restore Upload Client Status Message

Program Advertisement Custom Authority Data System

Settings Version Streaming Media Server

Operator Number 10000000

Protocol of Live HTTP

Live Playback Engine System Player

Hotel Chinese Name 大酒店

Hotel English Name Big Hotel

Monetary Unit \$

Paid Days 1

Phone number TEL-12345678

Consumption Mode Prepaid consumption

Home Page Show Video playing

Image change time 5

Time Format yyyy-MM-dd HH:mm:ss

Favorite Operation Clean the favorite folder when client check out

Request ring [Play](#) [Upload](#) please upload the mp3 file

Menu Visible ☒ VOD ☒ CIBN ☐ 爱奇艺 ☐ Playback ☐ Hotel ☒ Dining ☒ Attractions ☒ Room Service ☒ Consume ☒ CheckOut ☒ Apps ☒ Settings

PMS none

[Submit](#)

Hotel IPTV System-OEM Version



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