

APPSTV IPTV Solutions

Fully integrated with XPossible Connect HSIA System and XPossible Live! Cloud Digital Signage and CMS



Introduction

With positive feedback from various booking sites like Agoda, Trip Advisor and Expedia following the implementation of APPSTV IPTV solutions, it is undeniable that APPSTV IPTV brings you a step closer to improving guest satisfaction. APPSTV converts your in-room TVs into powerful entertainment devices decked with marketing tools that your hotel may utilise to create more business opportunities. In addition, the APPSTV can also work a wireless access point and allow a connection of up to 8 guest's devices.

With the APPSTV and XPossible head end solutions, hotels are able to deliver digital quality TV program, including HD channels, to guest rooms. The system also provides Licensed Apps like Facebook, Twitter, YouTube, Radio and BBC News for the provision of an all-rounded experience. Guests may stream their content (multiple formats supported) and view their phone (Android/Apple) content directly on the screen via Miracast or simply plug their external storage device into the set top box to enjoy their personal set of content.

Key Benefits

- Set top box with built-in DVB/T2 decoder, ability to bring digital TV and HD TV to the guest room via coaxial or LAN
- Connect up to 8 devices to the IPTV set top box to access internet
- Only need 1 remote control to control the TV and IPTV
- Very simple navigation for TV programs and IPTV functions
- Turn in-room TVs into XPossible Live! digital signage displays
- Hotel information can be updated via XPossible Live! Cloud CMS
- Play video, music to the TV from mobiles wirelessly with Airplay
- Watch YouTube movies on the TV
- View guest folio and guest messages (Opera interface)
- Offer managed internet services via TV
- Automatic cleanup guest data and browsing history to protect guest privacy

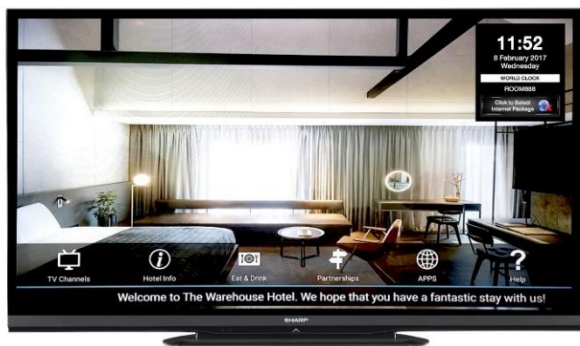


Remote control

The user friendly remote control comes with shortcut keys providing quick access to the Home, Internet, Radio, YouTube and Skype screens. The Remote Control also comes with learning keys that can be programmed to control the functions of the TV, e.g. to access IPTV functions or to control the TV, and a Qwerty keyboard at the back for effortless internet surfing.

Head End Solutions via LAN and Coaxial

XPossible has a range of high quality rack mount encoder solutions which allows the provision of full digital TV programs on guest TVs if LAN wiring is available near the TV. When unavailable, our digital modulator solution can come into use for the addition of HD channels on top of existing SD channels to your guests room's TV via existing coaxial network, delivering TV programs that are near to source quality.



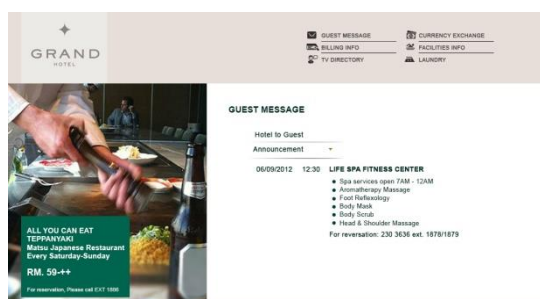
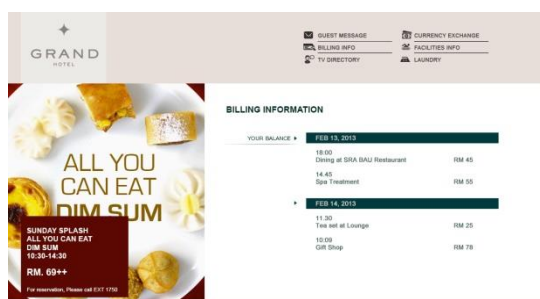
Guest Services

Guest Welcome Messages

Greet guests by their names and welcome them with your hotel's customized welcome screen on the TV when they check-in and turn on the television.

View Guest Folio and Guest Messages

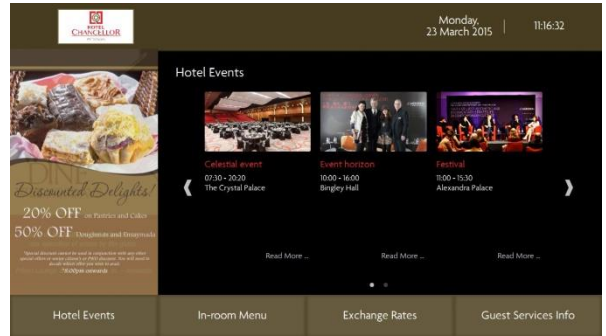
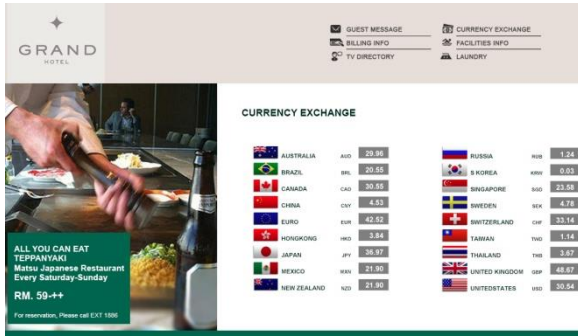
Folio items and account balance information are accessible on the in-room TV. Since these pages are from the XPossible Concierge system, they can be viewed on any of the guest's smart devices when they are connected and login to the hotel's wireless or wired network.



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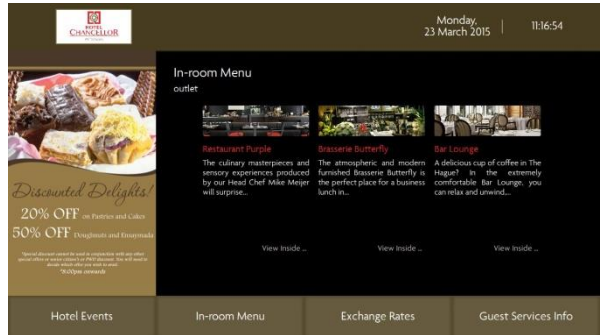


Hotel Information

Digitalize in-room documents

Information like Room-Service menu, hotel foreign exchange rates and hotel services directory can be digitalized and displayed on the TV, creating an environmentally friendly, elegant and interactive content-viewing process. This can be done through 2 methods, web pages or pages from XPossible Concierge which the content can be managed from the XPossible Live! Cloud Content Management System.

Pages from XPossible Concierge are available via any guest PCs, tablets or smart phone via the internet services wall garden when they are connected to the hotel's wireless or wired network.



Promotional Contents

Transform all in-room TVs into Digital Signage

Maintain ongoing communication with guests and generate additional revenue for your businesses with the advertisement banner that plays on scheduled slideshow mode. Easily update advertisements with the XPossible Live! Cloud Content Management System. With the XPossible Live! Cloud CMS, background advertisements, menu pages, and scheduled displays can be managed with ease. Examples of advertisements may include spa discounts, F&B promotions and lounge happy hour, hotel promotion packages, etc..

WiFi Function (Wireless Access Point)

Using the APPSTV box as a Wireless Access Point

The APPSTV unit has an built-in WIFI chip set which can allow up to 8 guest's devices to connect to for internet access (requires set top box to be connected to the in room LAN port for internet uplink). The set top box's SSID is the room number and the guest can connect to the SSID with the pin shown on the TV (same as the password for Airplay/Mirroring feature). In addition if your property is using our XPossible Connect HSIA gateway, we will be able to allocate portion of bandwidth and set internet policies for all in-room internet services via the IPTV set top box to manage the internet access for free or fee internet access via the TV.



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Product Specifications	
System	SoC: Amlogic S905
	CPU: ARM Quad 64-bit Cortex-A53 up to 2.0GHz
	GPU: Penta Core Mali-450 up to 750MHz
	DRAM: DDR3 2GB
	Flash: eMMC Flash 8GB (16GB, 32GB, 64GB Optional)
	OS: Android 5.1
Network	RJ45 Interface 10M/100M adaptive
	Build in Wi-Fi 2.4GHz 802.11 b/g/n (2.4GHz/5GHz Optional)
	Bluetooth 4.0 (Optional)
	Support most external 3G/4G USB dongle(Optional)
Tuner	Frequency range: (UHF)474MHz~858MHZ□
	Input level: Level -85dBm~-20dBm
	Input impedance: 75Ω□
	Demodulation: QPSK, 16QAM, 64QAM, 256QAM
Connectivity	
RF	RF IN
Video Output	HDMI2.0
Audio Output	Optical
Network	RJ45
Peripheral Interface	USB2.0 x2, TF card slot, CA card slot
Power Interface	DC 5V, Power switch
Other Interface	Front panel: IR receiver, IR/Power/Net LED indicator□ Rear Panel: IR IN
Media	
Video	Decoder: H.265 10-bit 4K*2K@60fps, H.264 AVC/MVC 4K*2K@30fps, AVS+, MPEG1/2/4 ASP, WMV/VC-1, Format: MKV, WMV, M2TS, MOV, MP4, AVI, MPG, MPEG, DAT, VOB, FLV, 3GP, DIVX, F4V, ASF, M2V etc.
	Decoder: MPEG1/2/4, MP3, AAC/AAC+, WMA/WMA-pro, FLAC, OGG (AC3 Optional) Format: MP3, WMA, WAV, OGG, M4A, MP4, AAC, APE, FLAC, MP1/2 etc.
Audio	
Subtitle format	SRT, ASS, SSA etc.
Photo format	HD JPEG/BMP/PNG etc.
Features	
Digital TV	Fully compliant with HD DVB-T2/DVB-T, 7 days EPG, USB PVR, Timeshift, Program playback, Timing playing
4K	Support 4Kp60 HEVC Main-10 Decoding
Network streaming	HTML5, RTCP, RTMP, RTP, RTSP, HLS, Smooth streaming
Remote manager	TR069
Multi-screen interactive	Miracast, DLNA, Airplay
Air Remote	Able to use Android and IOS mobile phone to control
System upgrading	Upgrade software via USB or network
Local media playback	video/audio&picture
Games	Android 2D/3D games
Others	
Input voltage	DC in 5V/2A
Power consumption	10W Max
Operation temperature	0~40℃
Dimensions	Size(L*W*H): 132mm*100mm*30mm□
Proposed Accessory	Remote control and Battery, User manual, Power adapter, AV cable, HDMI cable , IR Ext cable, Warranty card