



DIACON®

DIGITAL HD STREAMING MEDIA SOLUTION



DIGITAL HD MEDIA PLAYER

VH9550 4K Digital HD Media Player



VH9550 4K Digital HD Media Player brings with full resolution 4K Ultra @ 60Hz. And its all about an Quad-core ARM Cortex-A53 64-bit processor.



Packed with a 2GB DDR3 RAM along with 8GB of eMMC flash storage, VH9550 4K Digital HD Media Player extends plenty of internal storage space for apps and all their media contents.



SPECIFICATION



Hybrid Input Interface
Digital RF & IP Multicast Stream

BASE ONE ENGINEERING SDN BHD
<http://www.boes.com.my>
myboes@gmail.com

HARDWARE

- ✓ Quad-core 64-bit high performance ARM Cortex A53 with NEON.
- ✓ 2GB DDR3; 8GB eMMC Flash

OPERATING SYSTEM S/W

- ✓ Android 7.0 running on 1080P60 UI resolution.

VIDEO DECODING

- ✓ H.265/HEVC 10bit maximum 4k x 2k@60fps.
- ✓ H.264/VC1/MPEG2/VP9/VP8

POWER

- ✓ Input: AC 100~240V 50/60Hz
- ✓ Output: DC 12V-1.0A

AUDIO DECODING

- ✓ MPEG L1/L2
- ✓ AAC-LC and HE AAC V1/V2 decoding
- ✓ Support MP3, WMV, AAC, OGG, FLAC, APE

WI-FI DONGLE

- ✓ IEEE 802.11b/g/n
- ✓ 2.4GHz 1T1R

IR EXTENDER

- ✓ NEC 38KHz /cable 1M

INPUT

- ✓ Ethernet RJ-45 Connector
Speed 10/100/1000Mbps

- ✓ RF, F Type DVB-T(ETS 300 744)/T2(ETS 302 755)

OUTPUT

- ✓ CVBS/Audio L/R
- ✓ HDMI 2.0A TX
Support HDCP 2.2/1.4

INTERFACE

- ✓ USB 3.0
- ✓ Recovery button

DIMENSIONS

- ✓ 172mm x 114mm x 32mm



DIGITAL HD CHANNEL PROCESSING EQUIPMENT



IPE 101

Single Channel IP Encoder



IPE 401

4 Channels IP Encoder



HDMI TO IP ENCODER

A professional Full HD IP Streamer with 4 HDMI inputs, it allow the user to stream any one audio/video source over a IP Network to Smart HDTV's or set top box within the IP Network.

The IP Streamer accepts a HDMI, Component, or Composite video input and the unit is designed to deliver a rich HD/SD Streaming experience for its users deploying MPEG-2 or H.264 standards.

Full HD
1080

INPUT

- ✓ Input Interface
 - IPE 101** | 1 x HDMI
 - IPE 401** | 4 x HDMI
 - 1 x YPbPr
 - 4 x YPbPr
 - 1 x CVBS
 - 4 x CVBS
- ✓ Input Resolution
 - HD 1080P 25/30, 1080i 50/60 Max;
 - YPbPr 1080i, 720P, 576i/P;
 - CVBS NTSC, PAL

OUTPUT

- ✓ Ethernet x 2
 - Port 1: Web Management
 - Port 2: IP Out, 10/100/1000M
- ✓ Streaming Protocols
 - DLNA, UDP / RTP, Multicasting & Unicasting

H.264 ENCODER

- ✓ Video Format
 - HD H.264 AVC/HP@L4.0; SD MPEG-2/MP@ML
- ✓ Audio Format
 - MPEG-2 / AAC
- ✓ Resolution
 - HD 1080P25,1080P30 Max; SD 480i, 576i
- ✓ Video Bit Rate
 - H.264 12 Mbps MAX, MPEG-2 8 Mbps MAX
- ✓ Audio Bit Rate and Sample Rate
 - 384Kbps / 48KHz
- ✓ Configurable Parameters
 - Service Name, Service ID, Video PID, Audio PID, PMT PID, PCR PID

OTHER

- ✓ USB Input
 - USB 2.0 update firmware
- ✓ Power Supply
 - AC 100~240V 50/60Hz
- ✓ Display
 - LCD panel @ 2x 16 characters
- ✓ Dimension
 - 225mm x 160mm x 45mm
- ✓ Environmental for Operating
 - Relative Humidity: 80% @ 30°C

HDMI TO DVB-T MODULATOR

MHD100-MIN

(Single Channel)

Full HD
1080



SOURCE INPUT

- ✓ **Input Channel**
1
- ✓ **Video**
HDMI 1.4
- ✓ **Video System**
480i/p, 576i/p, 720p, 1080i/p
- ✓ **Audio**
HDMI

COMPRESSION

- ✓ **Video**
H.264 Baseline Profile Level 4.0
- ✓ **Video Resolution**
1080p 25 / 30 Max
- ✓ **Video Bit Rate**
12 Mbps Max.
- ✓ **Audio**
MPEG-2 / AAC
- ✓ **Audio Bit Rate**
192 Kbit/s
- ✓ **DVB Insertion Tables**
SDT, NIT
- ✓ **Editable Field**
Service Name, Network Name,
Provider Name, TS ID, Network ID,
Original NET ID, LCN,
NIT Version, Private Data, Country

MODULATION

- ✓ **Standard**
DVB-T (ETSI EN 300 744)
- ✓ **Constellation**
QPSK, 16QAM, 64QAM
- ✓ **Guard Interval**
1/4, 1/8, 1/16, 1/32
- ✓ **Code Rate**
1/2, 2/3, 3/4, 5/6, 7/8
- ✓ **FFT Carrier Mode**
2K, 8K
- ✓ **Bandwidth**
6MHz, 7MHz, 8MHz, 7-8MHz

RF OUTPUT

- ✓ **Type**
1 Multiplex DVB-T with
a Digital TV Service
- ✓ **Frequency**
177 ~ 858 MHz
- ✓ **MER**
30dB Min.
- ✓ **Output Level**
95 dBuV
- ✓ **RF Level Adj**
0dB ~ -30dB
- ✓ **Attenuation Step**
1dB per step

CONFIGURATION 6 LOCAL KEYS ON FRONT PANEL

- ✓ **OK Key**
Select Parameter, or Menu
- ✓ **L / R Keys**
Move menu, or Characters
- ✓ **Up / Down**
Select Value of the Figure, or Field
- ✓ **Menu Keys**
Select Menu

CONNECTIONS

- ✓ **HDMI In**
HDMI In
- ✓ **HDMI Out**
HDMI Pass Through
- ✓ **RF Output**
1 DVB-T RF Output
- ✓ **RF Input**
RF Combiner

ENVIRONMENTAL FOR OPERATING

- ✓ **Temperature**
5°C - 40°C
- ✓ **Relative Humidity**
80% @ 30°C

POWER SUPPLY

- ✓ 12V 1A Adaptor

HDMI TO DVB-T MODULATOR



MHD401

(4 Channels)

Full HD
1080i

SOURCE INPUT

- ✓ **Input Channel**
4
- ✓ **Video**
HDMI 1.4/YPbPr/CVBS
- ✓ **Video System**
HDMI: 1080i, 50/60 Max
YPbPr (1080i, 720P, 576iP, 480iP) / CVBS
- ✓ **Video Input Level**
1.0 V (p-p)
- ✓ **Audio Input Level**
6.0 V (p-p)
- ✓ **Audio System**
2 (Stereo) / HDMI

COMPRESSION

- ✓ **Video**
HD H.264, MPEG-4 aVC/HP@L4.0
SD MPEG-2/MP@ML
- ✓ **Video Resolution**
1080i, 576i, 480i
- ✓ **Video Bit Rate**
6 Mbits/S Max.
- ✓ **Audio**
MPEG-2, MPEG-2 AAC
- ✓ **Audio Bit Rate**
384 Kbit/s
- ✓ **DVB Insertion Tables**
SDT, NIT
- ✓ **Editable Field**
Service Name, TS ID, Network ID,
Original NET ID, LCN,
Network Name

RF OUTPUT

- ✓ **Type**
1 Multiplex DVB-T with a Digital TV Service
- ✓ **Frequency**
177 ~ 858 MHz
- ✓ **MER**
30dB Min.
- ✓ **Output Level**
100 dBuV
- ✓ **RF Level Adj**
0dB ~ -30dB
- ✓ **Attenuation Step**
2dB per step

CONNECTIONS

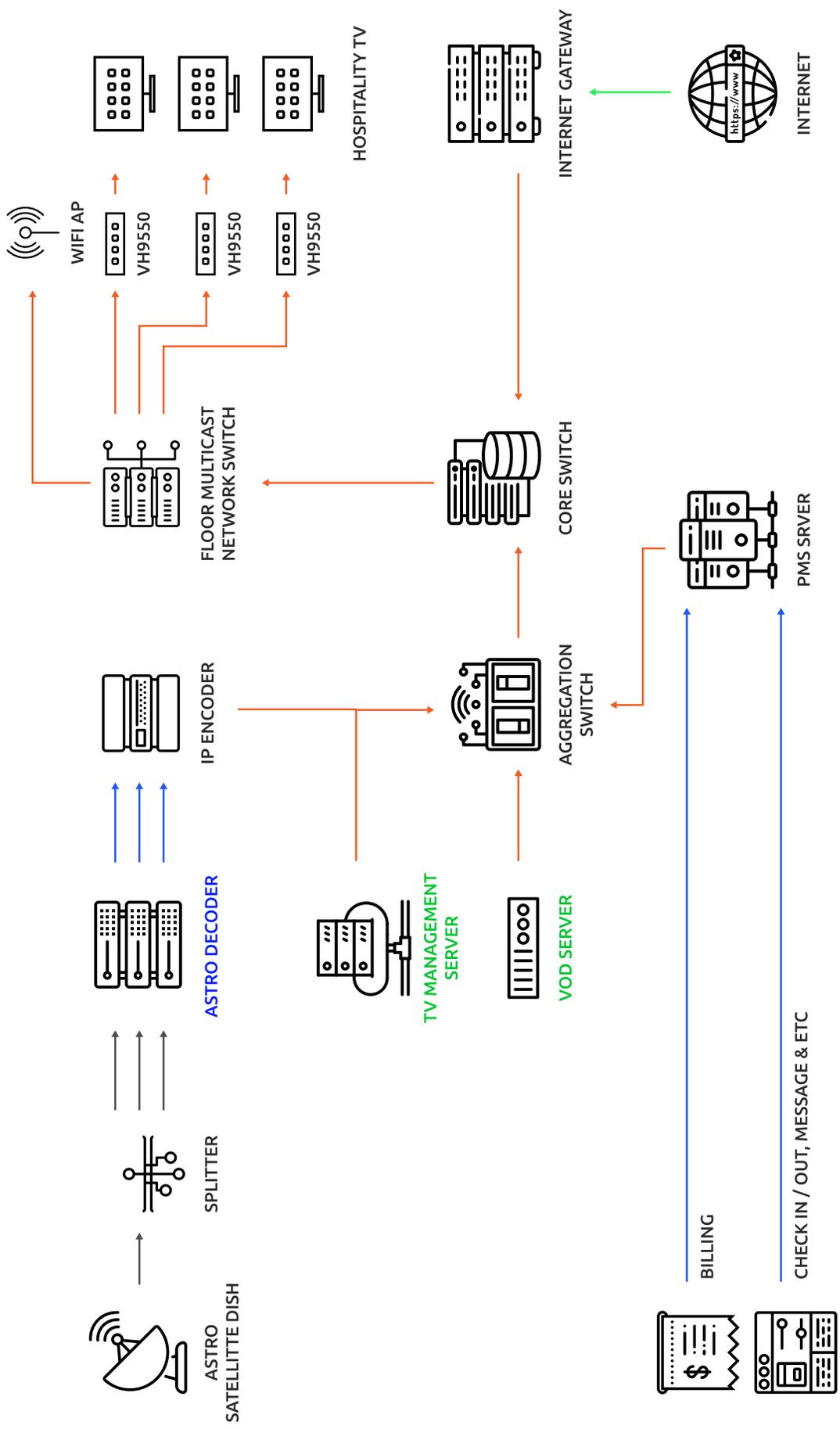
- ✓ **Video**
HDMI / RCA Female
- ✓ **Audio, L/R**
HDMI / RCA Female
- ✓ **RF Output**
1 DVB-T RF Output with type F female, 75ohm

CONFIGURATION / MANAGEMENT

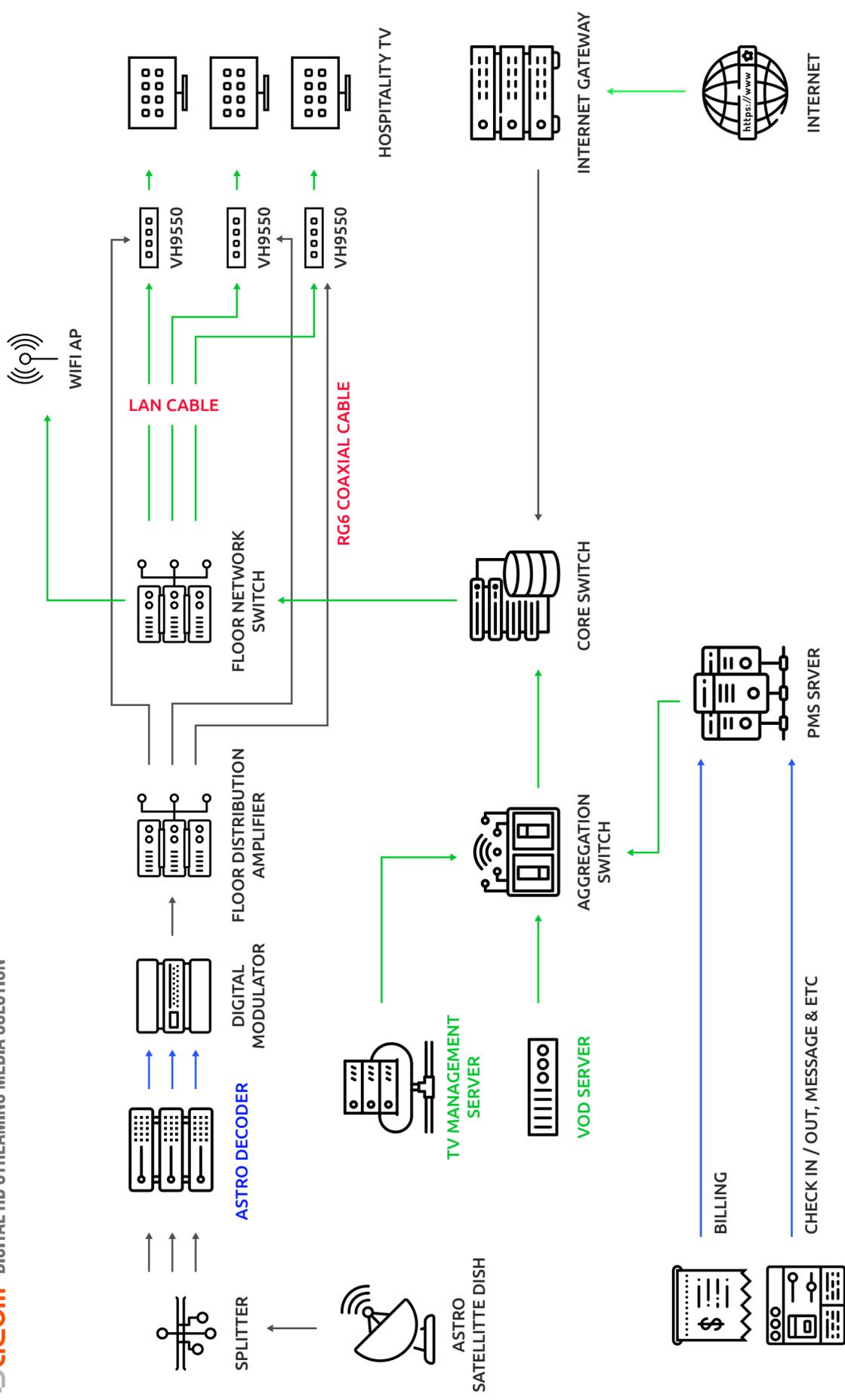
- ✓ **Configuration**
6 Local Keys on Front Panel
- ✓ **Web Management**
RJ-45 Ethernet Port
- ✓ **Modulation**
Standard: DVB-T (ETSI EN 300 744)
Constellation: QPSK, 16QAM, 64QAM
Guard Interval: 1/4, 1/8, 1/16, 1/32
Code Rate: 1/2, 2/3, 3/4, 5/6, 7/8
FFT Carrier Mode: 2K, 8K
Bandwidth: 6MHz, 7MHz, 8MHz, 7~8MHz
- ✓ **Power Supply**
AC 100-240V 50/60Hz

ENVIRONMENTAL FOR OPERATING

- ✓ **Temperature**
5°C - 40°C
- ✓ **Relative Humidity**
80% @ 30°C



INTERACTIVE TV WITH IP MULTICAST STREAM



INTERACTIVE TV WITH DIGITAL RF

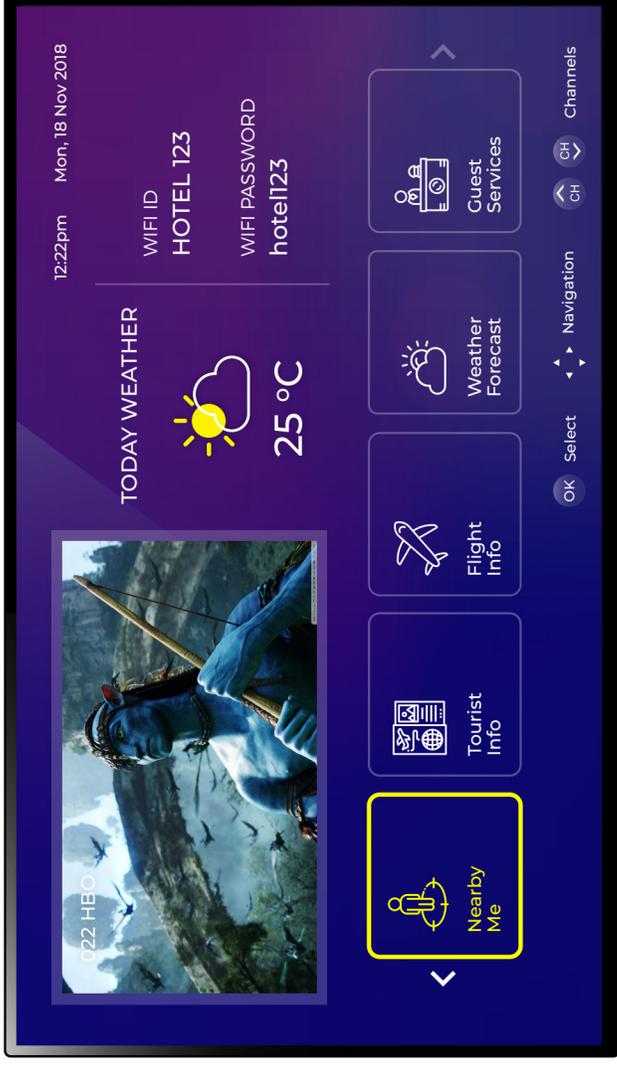


GOSTREM

INTERACTIVE TV SERVICES



THE FEATURES



GENERAL FEATURES

- Customized UI
- Branded Welcome with promo video
- Marketing communication** (video, group messages, popup banners)
- Language Selection** (support of Chinese, Arabic, Hindi and others)

HOTEL FACILITIES

- PMS Pack**
Guest name, Guest Language, Guest Messages, View Bill, Express Checkout
- Guest Directory
- In-room dining / shopping
- Restaurants and SPA booking
- Up-to-date information about the area

GUEST SERVICES

- Integration with GRMS** (Room Control Systems)
Weather Forecast
Feedback
Live Camera Feed

GUEST ENTERTAINMENT

- Screen Mirroring** (built-in TV Miracast + Hoteza HotCast)
- Smart Apps** (YouTube, etc.)
Web Radio
Video on Demand
Music Mood Playlists

12:22pm

Mon, 18 Nov 2019

WOLO

KUALA LUMPUR

WELCOME
MR BRANDON SOO
TO ROOM 2011

It is our pleasure to welcome you to our hotel.
We will do everything in our power to make your
stay most convenient & enjoyable for you.

OK

OK Next

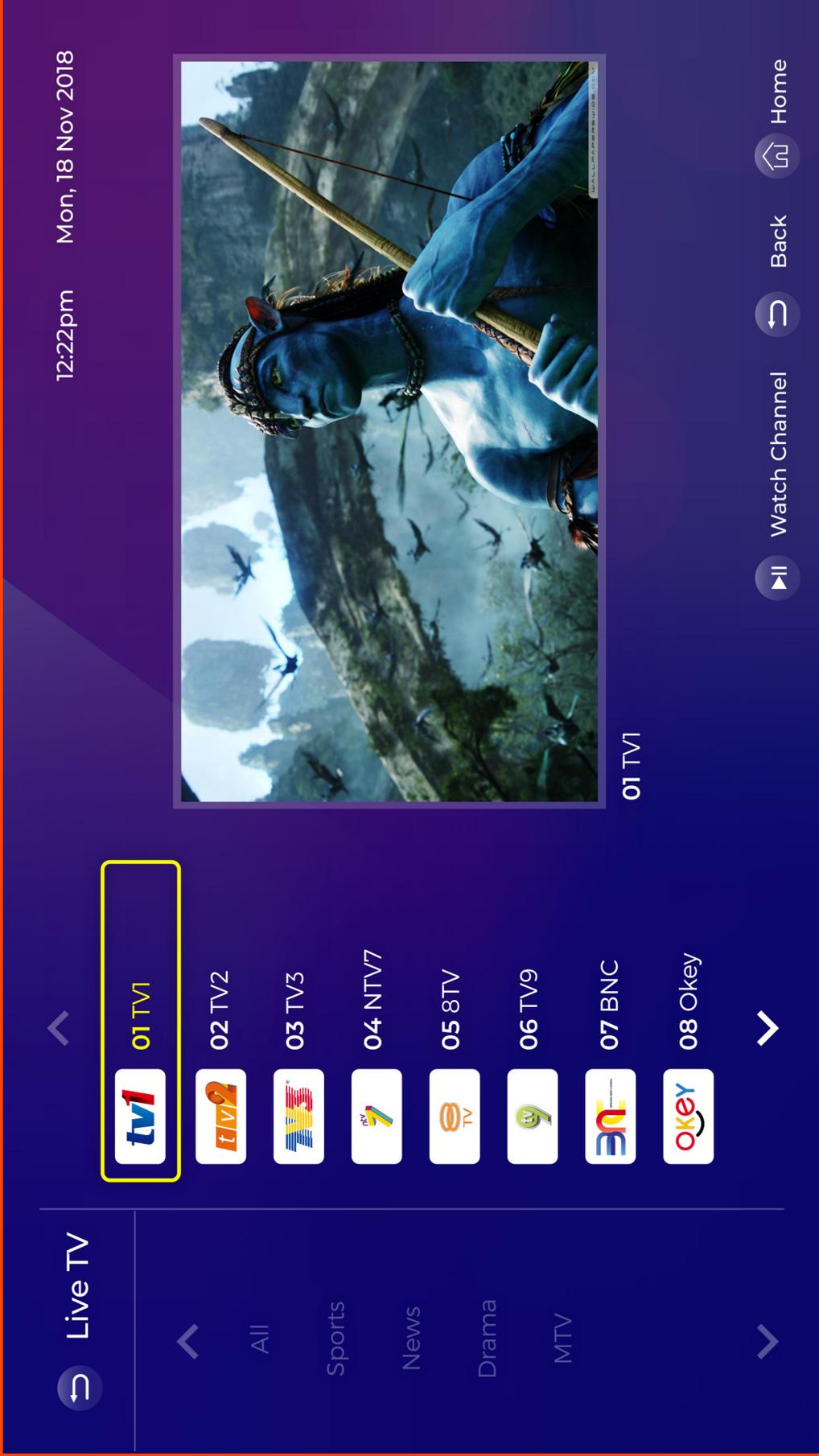
WELCOME PAGE

12:22pm Mon, 18 Nov 2018

Live TV

All Sports News Drama MTV

01 TV1 02 TV2 03 TV3 04 NTV7 05 8TV 06 TV9 07 BNC 08 Okey



01 TV1

▶ Watch Channel ◀ Back ⏪ Home



LIVE TV CHANNELS

↶ VOD



All

Sports

Horror

Comedy

Romance

Sci Fic



12:22pm Mon, 18 Nov 2019



MIB International

2019 16+ 2h 21min

ACTION COMEDY

Press for Trailer

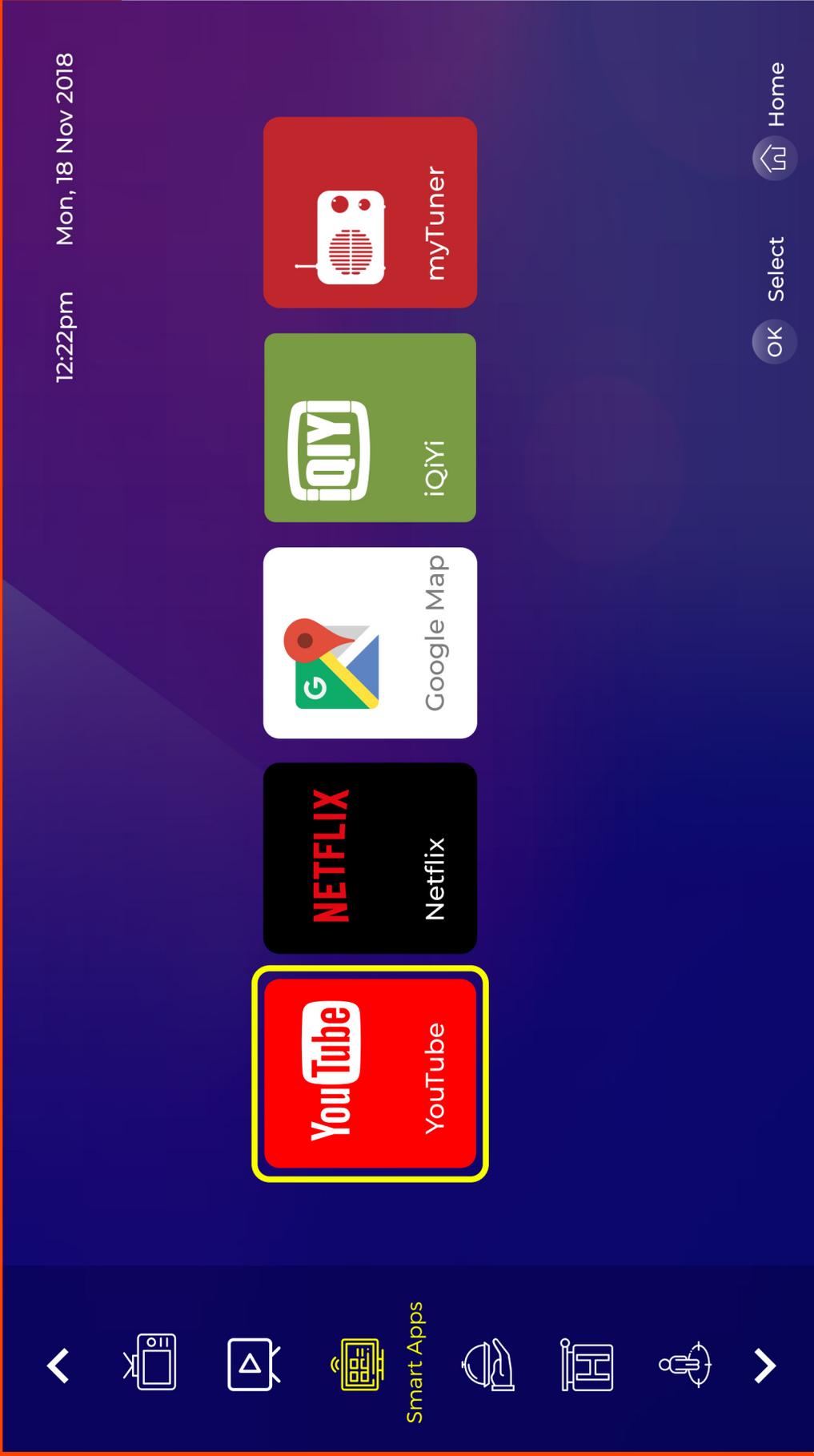
Lorem ipsum dolor sit amet, consectetur adipiscing elit. In suscipit tempor odio, eget fringilla magna. Aliquam ultricies velit sit amet lacinia fermentum. Nulla tempus nisl a tortor scelerisqu Lorem ipsum dolor sit amet, consectetur adipiscing elit. In suscipit tempor odio, eget fringilla magna. Aliquam ultricies velit sit amet lacinia fermentum. Nulla tempus nisl a tortor scelerisqu Lorem ipsum dolor sit amet, consectetur adipiscing elit. In suscipit tempor odio, eget fringilla magna. Aliquam ultricies velit sit amet lacinia fermentum. Nulla tempus nisl a tortor scelerisqu

▶ Watch Movie ↶ Back ↵ Home



VIDEO ON DEMAND (VOD)





SMART APPS

↩ Room Se...



House Keeping

Food & Beverage



12:22pm

Mon, 18 Nov 2019



Sweet Fruity
Pancake

\$12.45

The pancake is omty/iis iste
natus error sit tium eaque have
Dellicous ...



Sweet Fruity
Pancake

\$12.45

The pancake is omty/iis iste
natus error sit tium eaque have
Dellicous ...



Sweet Fruity
Pancake

\$12.45

The pancake is omty/iis iste
natus error sit tium eaque have
Dellicous ...



Please call the operator "0" to order the items.



Back



Home



ROOM SERVICE (FOOD & BEVERAGE)

BASE ONE ENGINEERING SDN BHD

<http://www.boes.com.my>

myboes@gmail.com

12:22pm Mon, 18 Nov 2018

2/10

Deluxe Twin Room



Please call the operator "0" and we will provide you extra pillows of your choice.

Facilities

Hotel Promo

Rooms

Swimming Pool

Fitness Center

Business Center

Concierge

Back Home



HOTEL FACILITIES

↶ Nearby Me



Food & Beverage

Shopping



12:22pm Mon, 18 Nov 2018

1/10

Gardens Mall



Located at the heart of Mid Valley City is The Gardens Mall: a premium 6-level shopping haven for more than 200 outlets where top international fashion brands reside.

Address:

Lingkar Syed Putra, Mid Valley City,
59200 Kuala Lumpur, Wilayah Persekutuan
Kuala Lumpur

Tel 603-2297 0288

Opening Hours:

Mon-Sun 10:00am - 10:00pm

OK

Full Screen



Back



Home



NEARBY ME

BASE ONE ENGINEERING SDN BHD

<http://www.boes.com.my>

myboes@gmail.com

12:22pm Mon, 18 Nov 2018



↶ Tourist I... ↷

Wilayah Persekutuan

Pahang

Malacca

Johor

Sabah

Sarawak

↶ ↷

↶ Back ↷ Home



TOURIST INFO

↩ Fligh...

12:22pm Mon, 18 Nov 2018



KLIA 1

KLIA 2



International Departures

Flight No	Destination	Time	Gate	Remarks
CX7183	Berlin	7:50	A-11	Gate closing
QF3474	London	7:50	A-12	Gate closing
BA372	Paris	7:55	B-10	Boarding
AY6554	New York	8:00	C-33	Boarding
KL3160	San Francisco	8:00	F-15	Boarding
BA8903	Manchester	8:05	B-12	Gate lounge open
BA710	Los Angeles	8:10	C-12	Check-in open
QF3371	Hong Kong	8:15	F-10	Check-in open
MA4866	Barcelona	8:15	F-12	Check-in at kiosks
CX7221	Copenhagen	8:20	G-32	Check-in at kiosks

OK

Full Screen



Back



Home



FLIGHT INFO

12:22pm Mon, 18 Nov 2019

TODAY WEATHER

 Kuala Lumpur
25 °C

Next 6 Days Forecast

TUE	19 Nov		25 °C
WED	20 Nov		25 °C
THU	21 Nov		25 °C
FRI	22 Nov		25 °C
SAT	23 Nov		25 °C
SUN	24 Nov		25 °C

* Last updated 1 hour ago.

Weather

 Kuala Lumpur

London

Washington

Dubai

Tokyo

Seoul



Back Home



WEATHER FORECAST

12:22pm Mon, 18 Nov 2018

Guest...

Messages

Bill

Twin Room (RM)	x 2	1,888.00
Surcharge Tax (RM)	6%	8.00
ADDITIONAL CHARGE		
Breakfast (RM)	x 2	200.00
GRAND TOTAL		RM2588.00

Back Home



GUEST SERVICES

12:22pm Mon, 18 Nov 2018

Setti...

Language

User Guide

Change Language

Traditional

Simplified

English

Korean

Nihon

To Scroll

OK

Select

Back

Home



SETTINGS

Yoicon®