

DIG
ICA
ST



Company name

Address

Email

Phone number

Webchat/whatsapp

Website

: HangZhou DIGICAST Technology Co.,Ltd

: 9/F.No.1 Building Yitian Plaza,No.292 Eastcom Avenue, Hangzhou,310053,China

: info@digicast.cn

: +86 571 85020366

: +86 138 5717 2666

: www.digicast.cn

DIGICAST
Digital Future Life

CA
TA
LOG



www.digicast.com

DIGICAST

About us

Digicast focusing on digital TV and network video system product development and sales, especially in high-quality video compression processing and channel transmission technology to maintain a leading edge, which is the domestic first-class of professional video operating system products and technical service providers.

The company has international advanced technology, first-class R & D team and excellent quality management, for all levels of radio and television and telecom operators, new media operating platform, network video operations, VR video operations and other video operations services to provide the best live video And on-demand operating platform solutions.

Our company's products have completely independent intellectual property rights and a number of technical patents, the company passed the ISO9001 international quality certification and the international certification, was identified as high-tech enterprises in Zhejiang Province and double-software enterprises, and has the right to import and export.

Our product has served more than 300 operators in the world, the performance ranks the forefront of the industry. Just a few years, our company has created a decent economic efficiency and good brand effect, and become the industry's fastest growing one of the outstanding enterprises.

Our company strives to be at the forefront of digital TV and video technology. We hope to provide you with a door to great video anytime, anywhere.

DIGICAST

Digital Future Life

01

Digital Video Broadcasting Headend Devices:

- 1.DVB to IP IRD/Decoder/Gateway (for PTN/Encrypted Channels)
- 2.Video Encoder/ Multiplexer
- 3.IP/ASI/Video/Tuners to Digital RF
- 4.DVB-T/T2/C/ATSC/ISDB-T/DVB-S2X/S2/S modulator
- 5.Analog RF Modulator
- 6.IP/ASI Gateway/Scrambler/Multiplexer

02

IPTV/OTT Live Streaming Devices :

1. Multi-screen multi protocol Video live Streamer Encoder/Decoder
- 2.Any to Any IPTV Transcoder
- 3.Streaming Forwarding /Distributing/ Management Server

03

One -Stop DVB/IPTV/OTT Solution

1. Upgrade Analog to Digital TV for better view DVB-T/T2/C/ATSC/ISDB-T Digital RF solution for Hotel/Home, Hospital and so on Application
2. Building IPTV/OTT and all other live TV/VOD System

04

Fiber Transmission System

1. Fiber Transmitter
2. Fiber Amplifier(EDFA)
3. PTN Receiver
4. ONU

What we do :

Focus on manufacturing, sale and distribution of digital equipment such as Video Encoders, Streaming Servers, IRD/Decoders/professional receiver, Modulators ,IPTV broadcast equipments, offer turnkey solution for Video/Audio transmission and processing .

1.1.1: DMB-90E FTA 24/20/16/12/8 to IP receiver

Features

- input : 8/12/16/20 up to 24*Tuner(DVB-S/S2,DVB-T/T2, DVB-C, ATSC, ISDB-T/Tb, DTMB for option) + 2*ASI(separate)
- 24*Tuner inputs can be mixed with different standards
- output : 480*IP(SPTS)/4*IP(MPTS) + 2*ASI(separate) output.
- Capable of multiplexing, supporting LCN, PSI/SI editing & inserting IP/ASI multiplexing output from any input(Tuners/IP/ASI)
- Widely used as headend receiver to gathering the Free to Air signal from DVB-S/S2,DVB-T/T2, DVB-C, ATSC,ISDB-T/Tb, DTMB and demodulation to IP signal for transmission by internet



1.1.2: DMB-90E-CI DVB to IP Receiver for encrypted channels

Features

(4/8/12 tuners input option)

- input: DVB/S/S2/DVB-T signal input of independent high frequency tuner
- output: 512*SPTS/4*MPTS IP UDP/RTP OUT+2*ASI OUT
- Support 128*IP+2*ASI input
- BISS
- Easy configuration and software upgrade by built-in Web UI



1.2.3: DMB-8820E H.264 HDMI Encoder

Features

- Input: 2*ASI(separate) + 4/8/12/16/20 and up to 24 Channel HDMI
- H265 HEVC version option DMB-8820E Premium
- Output: 2*ASI(separate) + N*IP(SPTS)+1*IP(MPTS).
- Capable of multiplexing.
- AAC,AC3 audio



1.2.4: DMB-8820E Plus 24 HDMI Encoder

Features

- Input: 4/8/12/16/20 max 24 Channel HDMI,6 Modules Pluggable
- 6 modules can be customization with different input(HDMI,CVBS,Tuner)
- H264/H265 HEVC encoding format option
- Dual power supply option for 24*7 no stopping running
- Output: 4*MPTS & 508*SPTS UDP/RTP IP Output from Data1
- Capable of multiplexing.
- 2*ASI input ASI output
- Data 2 and Data 3 Giga port both support 128*IP MPST/SPTS as IP input
- AAC,AC3 audio



1.2.3: DMB-8820E H.264 HDMI Encoder

Features

- Input: 2*ASI(separate) + 4/8/12/16/20 and up to 24 Channel HDMI
- H265 HEVC version option DMB-8820E Premium
- Output: 2*ASI(separate) + N*IP(SPTS)+1*IP(MPTS).
- Capable of multiplexing.
- AAC,AC3 audio



1.2.4: DMB-8820E Plus 24 HDMI Encoder

Features

- Input: 4/8/12/16/20 max 24 Channel HDMI,6 Modules Pluggable
- 6 modules can be customization with different input(HDMI,CVBS,Tuner)
- H264/H265 HEVC encoding format option
- Dual power supply option for 24*7 no stopping running
- Output: 4*MPTS & 508*SPTS UDP/RTP IP Output from Data1
- Capable of multiplexing.
- 2*ASI input ASI output
- Data 2 and Data 3 Giga port both support 128*IP MPST/SPTS as IP input
- AAC,AC3 audio



1.3.3: DMB-5100E IP/ASI to RF DVB-T/DVB-C/ATSC/ISDB-T Modulator

Features

- RF output: 16*DVB-T/DVB-C/ATSC/ISDB-T or 32 QAM DVB-C Non-adjacent channel option
- IP input: DATA1,data 2,data3 three 1000M Port UDP/IP input, 128*MPTS/SPTS UDP/IP input each data port supported
- 6*ASI input, L1, L2,L3,H1,H2,H3 lights indicate ASI
- Data 1 port support 8*MPTS/SPTS out from IP/ASI input



1.3.4: DMB-6100E IP to Analog Modulator

Features

- 2U chassis high density
- 2 GE ports (max 64 IP input over MPTS/SPTS), Max 840Mbps for each GE input
- Support BISS decryption as an option
- Build-in local channel for emergent use when the signal breaks down(Option)
- Support H.265/HEVC H.264/AVC, MPEG-2 TS Decapsulation
- MPEG-1/2 Layer 1/2, (HE-)AAC, AC3, E-AC3 audio decoding
- OSD (Logo and Caption) insertion for each channel, easy operation
- CC/Subtitle/Teletext
- Support program info modify, multiple audio choose
- Automatic HD to SD downscaling
- Multi-system (PAL-B/G, PAL-DK, PAL-I, PAL-M, PAL-N, NTSC) option, one device one standard, confirm the standard you need when order, not web management switch



1.3.9: DMB-24E FTA Tuner to RF Transmodulator

Features

- Input: FTA 8/12/16/20/24*Tuner in(DVB-T/T2, DVB-C, ATSC, DVB-S/S2, ISDB-T, DTMB for option)
- Input can be mixed with different RF standard,HDMI,IP
- Input: 2*ASI(separate) + 128*IP(MPTS/SPTS)
- Output: 4/8*RF DVB-C(QAM)/DVB-T/ATSC-T(8VSB)/ISDB-T/Tb option+1*IP(SPTS/MPTS) + 2*ASI(one for backup). Capable of multiplexing



1.3.10: DMB-9581E Digital RF encoder Modulator

Features

- Input: 2*ASI(separate) + 4/8/12/16/20 and up to 24 Channel HDMI
- Input can be Tuners,HDMI,CVBS three types
- Output: 2*ASI(one for backup)
- Output:4/8*RF DVB-C(QAM)/DVB-T/ATSC-T(8VSB)/ISDB-T/Tb option
- Output: N*IP(SPTS)+1*IP(MPTS). Capable of multiplexing



1.3.11: DMB-9581E Plus **HDMI to 16 RF** **Encoder Modulator**

Features

- Input: 4/8/12/16/20 max 24 Channel HDMI, 6 Modules Pluggable
6 modules can be customization with different input(HDMI,CVBS,Tuner)
- IP input: RF output: 16 RF output (ATSC/DVB-T/ISDB-T)or 32 DVB-C non-adjacent
- Or 8*RF output (ATSC/DVB-T/ISDB-T)or 12 DVB-C non-adjacent
- H264/H265 HEVC encoding format option
- Dual power supply option for 24*7 no stopping running
- IP Output: 8*MPTS & 127*SPTS UDP/RTP IP Output from Data1
- Capable of multiplexing, 2*ASI input ASI output
- Data 2 and Data 3 Giga port both support 128*IP MPST/SPTS as IP input



1.3.12: DMB 9591 Classic Mini **H.264 HD** **Encoding & Modulator**

Features

- input: 2 HDMI signals input
- output: 1 external RF signal loop in and internal modulation signal mixed into 1 RF output
- Advanced compression for H.264 HD
- modulation: support DVB-T/DVB-C(J.83A/B)/ATSC



2.1.3: DMB-8904A-EC Portable 4 Channels Encoder

Features

- H.265/HEVC & H.264/AVC Compression.
- Input: 4*HDMI+2*3.5 mm or 4*SDI+2*3.5mm in;
- Protocol: HLS(M3U8), HTTP/UDP/RTSP, RTMP(S), SRT, ONVIF;
- Output: TS over IP(1000M), full HD 1080P@30fps
- Multi-Screen,Multi-Protocol, Low bitrate with high quality image.
- Offering Preview feature, insertable LOGO and Text.
- Highly Cost-Effective,Highly Compact



2.1.4: DMB-8908A-EC Portable 8 Channels Encoder

Features

- H.265/HEVC & H.264/AVC Compression.
- Input: 8*HDMI in;
- Protocol: HLS(M3U8), HTTP/UDP/RTSP, RTMP(S),SRT, ONVIF;
- Output: TS over IP(1000M), full HD 1080P@30fps
- Multi-Screen,Multi-Protocol, Low bitrate with high quality image.
- Offering Preview feature, insertable LOGO and Text.
- Unique Design , 8 channels in Portable Housing ,Highly Cost-Effective



Features

- Output optical power: 2~30mW & 3~10dBm
- Wavelength: 1310nm $\pm$ 20 OR 1550nm $\pm$ 15
- Laser type: DFB laser
 - Optical modulation: Direct modulation OR External Modulation
 - Optical connector form: FC/APC&SC/APC (customize)
 - Frequency Range: 47~860MHz (customize 1000MHz)
- RF input level: 75~90dBuV (Recommended best value 80dBuV)
- Transmission distance: 20KM, 50KM or others





DIGICAST
Digital Future Life

Part 03-2 Fiber Amplifier(EDFA)

www.digicast.cn

Features

- Ports output: generally 8,16,32,64 ports option
- dBm: generally support 20,21,22,23 dBm option,64 max*20+WDM
- WDM function:Option (WDM function used for connection with OLT)



2.3.1: ISS-9000 Distributing Server

Features

- Two capacity option : concurrence 1K users, 10 K users
- Terminal users concurrent: 1K (based on 0.8Mbps of output channel)
- For specific condition of 1K option:
 - When output channel in 2.5Mbps, the concurrent is 0.32k
 - 1.2Mbps, the concurrent is 0.66k
 - 0.8Mbps, the concurrent is 1k
- VOD/Time Shift option
- Customization for kinds of Application (hotel,Community and so on)

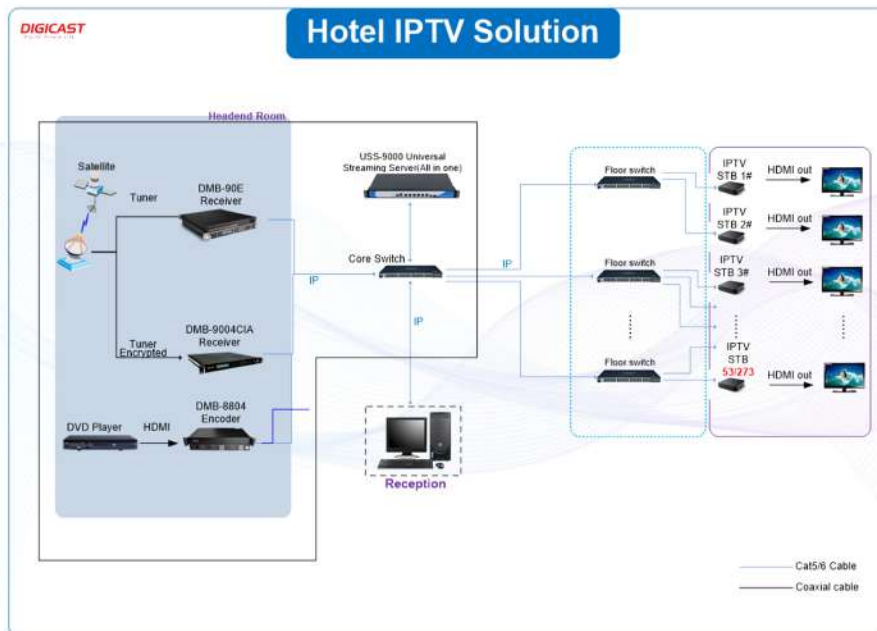


2.3.2: USS-9000 Streaming Management Server

Features

- Management LIVE,VOD Programs
- Management Users by APK in Android Users
- Management the advertisement for the range covered
- VOD/Time Shift option
- Customization UI for kinds of Application (hotel,Community and so on)
- Connection with PMS system, Welcome words, Weather Report,Room services



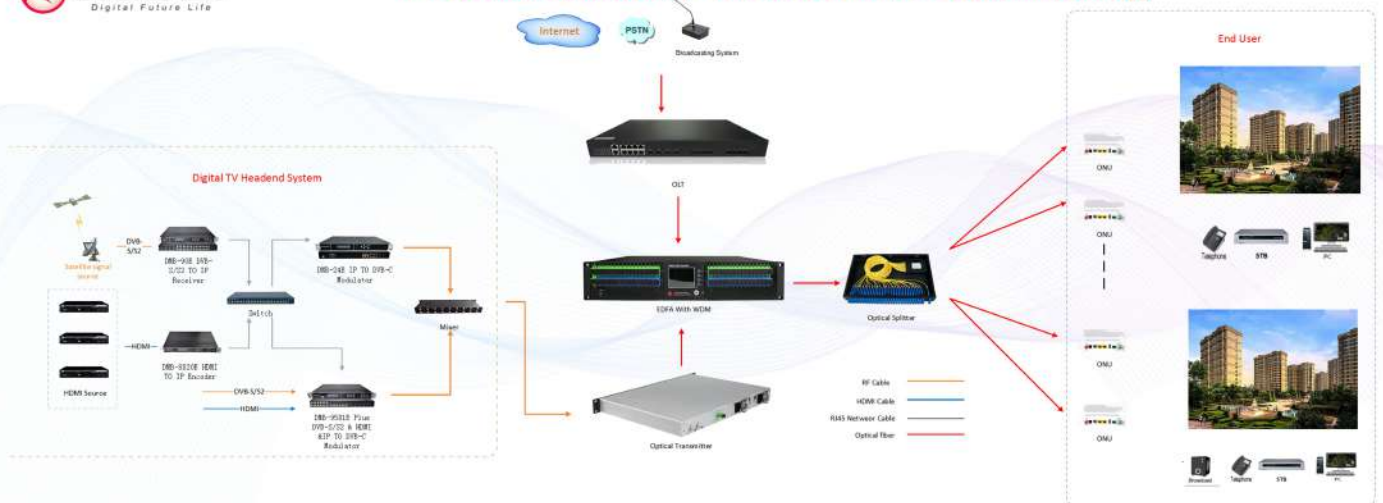


Tips:

No need ISS-9000 distributing Server
 USS-9000 management server used
 as all in one device(VOD,LIVE)
 USS-9000 Management server binding
 APK license selling



FTTH Solution (CATV+Internet+Voice+Broadcasting)



DIG ICA ST



Company name : HangZhou DIGICAST Technology Co.,Ltd
Address : 9/F,No.1 Building Yitian Plaza,No.292 Eastcom
Avenue, Hangzhou, 310053, China
Email : info@digicast.cn
Phone number : +86 571 85020366
Webchat/whatsapp : +86 138 5717 2666
Website : www.digicast.cn

www.digicast.com