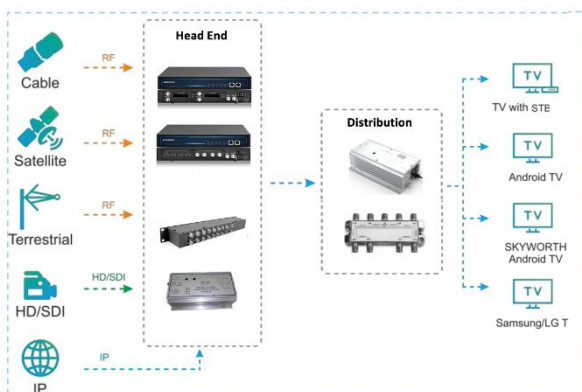# Digital MATV System

ATSONTECH®

AT-DTV-HE8HDF4

Digital MATV Head End

The **AT-DTV-HE8HDF4** is a platform product for centralized processing of small digital front-end services. The installation method is flexible and can be installed in cabinet, wall-mounted or desktop.

Device parameter configuration can be operated through local or cloud service. The WEB page is beautiful and easy to understand, and the operation is simple. It has intelligent functions such as parameter batch import, export. It is a device that can achieve customized function configuration, high integration and high cost performance. Digital front-end signal comprehensive processing equipment.

- A single device supports up to 2 cards
- Support 4-8HD channels, H.264 video encoding input
- Support UDP/RTP protocol input, support SPTS/MPTS stream processing
- Support 256 IP addresses, Gigabit input
- Support PID remapping, PSI/SI information editing and insertion
- Support digital modulation output of 4/8 frequency points, and the support DVBC (J83A/B/C), DVBT/T2, DTMB, IDSB, ATSC
- 1 Gigabit port and 1 management port
- Operated through PC, the device supports cloud management

System Connection Diagram

Technical Specification

Supply Voltage	DC12V
Maximum Current	7000mA
Installation	1U19inch chassis, wall hanging, Desktop
Connector Input Module	Total number of slots: 2 Each slot can support modules: 4 HDMI input module
IP Input Port	1 Gigabit RJ45 network port
IP Input Format	Support UDP/RTP protocol output. Supports SPTS/MPTS stream Processing, and supports 256 IP addresses
RF Output Port	Female connector, 1 RF output and 1 -20dB test port output
RF Output Standard	DVBC(J83A/B/C),DVBT/T2,DTMB, ISDB-T, ATSC
RF Frequency Range	50-870MHz minimum step 1MHz
RF Output Level	≥105dBuV (0-20dB Adjust range, step 0.5dB)
RF Out Band	≥60dB
Working Temperature, Humidity	-10 °C ~ 45 °C, 40%~70%
Storage Temperature, Humidity	-40 °C ~ 70 °C , 40% ~ 95%
Dimension	318mm(L) x 260mm(W) x 44mm(H)

www.atsontech.uk