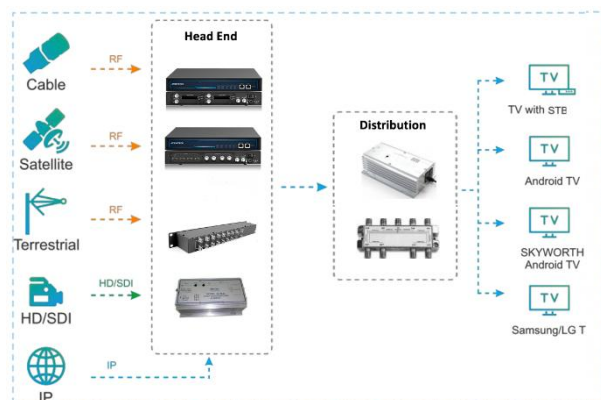# Digital MATV System

ATSONTECH®

AT-DTV-HE4IFCAMF8
Digital MATV Head End

The **AT-DTV-HE4IFCAMF8** is a platform product for centralized processing of small digital TV front-end services. The installation method is flexible and can be installed in three ways: cabinet, wall-mounted, and desktop. Users can choose relevant boards to form the optimal configuration plan according to project needs, which not only meets the functions , and save costs.

- **Each device supports up to 2 cards**
- **Support 2-4 (the number of channels is optional in multiples of 2) independent PMCIA large card descrambling**
- **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 frequencies, and the output supports DVBC (J83A/B/C), DVBT/T2, DTMB, ISDB, ATSC**
- **1 Gigabit port and 1 management port**
- **Operated through PC (WEB), the device supports cloud management**

System Connection Diagram

Technical Specification

Installation	1U19inch chassis, wall hanging, Desktop
Connector Input Module	Total number of slots: 2 4 PMCIA Input Modules
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
Supply Voltage	DC12V
Maximum Current	7000mA
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)