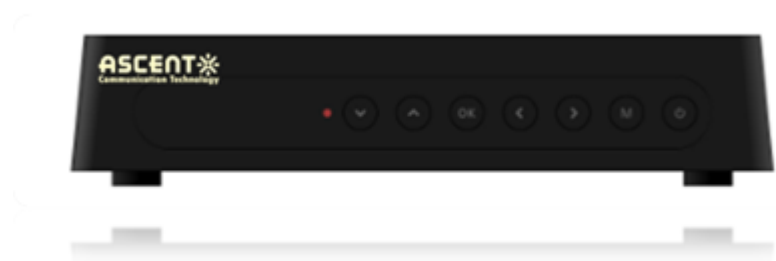## MPEG-4
Standard Def
DVB-C STB

AS600 Series

- **H.264 SD Decoding**
- **MPEG 2/MPEG 4**
- **Customized OSD**
- **Flexible Audio and Video Outputs**
- **Conditional Access**
- **Card or Cardless**
- **Front Panel LED Display**
- **Remote Management and Software Upgrade**
- **Plug and Play**
- **Easy Installation and Setup**

ACT AS600 MPEG 4 Standard Definition DVB-C digital receiver is an intelligent subscriber home device designed for ultimate user experience with support for H.264, MPEG2 and MPEG 4 video services.

The compact device delivers best image quality with high memory bandwidth, power efficiency, and maximum bandwidth performance that required by the ever-demanding streaming needs.

AS600 series STB box is equipped with powerful media processor in a light-weight, modern package with flexible and personalized viewing experience. It provides high quality and robust services to allow advanced streaming protocols enabling broadcast experience over the top at the superior quality.

Together with ACT end-to-end HFC and FTTX network equipment, the powerful AS600 residential DVB-C STB equipment enables Network Operators and Services Providers to offer their customers/subscribers with superior Audio and Video experience.

Key Features

- H.264 SD Decoding

- MPEG 2/MPEG 4

- Customized OSD

- Flexible Audio and Video Outputs

- Conditional Access

- Card or Cardless

- Front Panel LED Display

- Remote Management and Software Upgrade

- Plug and Play

- Easy Installation and Setup

Specifications

Embedded Architecture
Processor: Ali M3281
Flash Memory: 16MB SoC Inside
DDRI: 64MB

Video
Decoding Standards:
ISO/IEC 11172-2 MPEG1
ISO/IEC 13818-2 MPEG2 MP@ML
ISO/IEC 14496 MPEG4 SP@L3 to ASP@L5
Video Bitrate: 1.5~ 15Mbps
Aspect Ratio: 4:3
Video Resolution:
576p, 480p, 576i, 480i
Video Output: CVBS

Audio
Decoding Formats:
MPEGI layer1/2, MPEGII Layer II;
AAC LC; HE-AAC v1(2 ch)
Volume Control: 32-level adjustable, mute
Output Modes: Dual Mono / Stereo
Audio Bitrate: >128 kbps

Tuner & Channel
RF Input Connector: F-TYPE
RF Input Impedance: 75 Ohm
Receiving Channel Range: 68~1002MHz
Input Level Range: -20dBmV ~ 20dBmV
CNR: <30dB (at 64QAM)
RF Output: LOOPTHROUGH
Demodulation Type:
QAM Annex B 16, 32,64,128,256
Symbol Rate: 1.5M~7.0M
OFDM Spectrum: 2K and 8K

Terminal
L/R RCA Audio Output
CVBS Video Output
External IR
USB2.0
Plug-top Power Supply (12V /1A Power Adaptor)

Front Panel
Signal LED
Infra-red Receiver

System Feature

DVB-C Front End

SD Content Decoding:

MPEG-4, MPEG-4, MPEG-4,

Output Resolution:

NTSC 720X480@60fps(Progressive)

PAL 720X576@50fps(Progressive)

Application

Boot/Loader, OTA Upgrade

CA Integration (Verimatrix CAS)

Front Panel Keyboard

(up/down/left/right/menu/exit/power)

Smart Card Slot (optional x 1)

General

Dimensions: 145×100×28mm(W×H×D)

Power Voltage: AC 90-270V~ 50/60Hz

Power Consumption: <5 W

Standby Power Consumption: <1 W

Contact Information

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