

“In today’s fast-paced, market, Digital television is a new way to broadcast the future. Digital Set Top Boxes have become a key component allowing people to access many services offered by the cable operator”

Digital Set Top Box

QAC-2000/Hi

The deployment of digital television and interactive services are already here. Digital television offers a potential mechanism through which every home, school, business and community center in the world could interact with different services. Digital television opens a new world of opportunities for companies to develop and utilize their existing network infrastructures.

FEATURES

- Fully compliant with DVB-C digital TV reception standards
- HDTV/SDTV MPEG-2 & MPEG-4 H.264 decoding
- Support 480i/480p/576i/576p/720p/1080i/1080P
- HDMI output for High Definition
- Support S/PDIF audio output
- Support VOD
- Support teletext/subtitle/multi-language
- Support EPG
- Channel edit function including Favorite, Move, Delete, Lock, Skip, Rename
- Variable aspect ratio 4:3/16:9 4:3 Pan & Scan or Letter Box modes
- Support USB 2.0 software upgrade and OTA upgrade
- Support USB 2.0 PVR. MP3, AVI, DAT, MKV, Mp4, VOB, WMA, BMP, JPG photo playback

WE IDENTIFY THE BEST
TECHNOLOGIES TO FIT YOUR
GOALS AND BUDGET.
WE THEN ENSURE THOSE
TECHNOLOGIES CONTINUE TO
WORK WELL INTO THE FUTURE.

Technical Specification

Chipset

CPU : 600MHz Huawei

Tuner

Tuner: DVB-C R820C2

Receiving Frequency: 51 ~ 862MHz

Input signal level: 36dBuV ~ 100dBuV

RF Loop out function

Demodulation

Compliant with: DVB-C

Demodulation: 16QAM / 32QAM / 64QAM /
128QAM / 256QAM

IF bandwidth: 8MHz J83-A/C

Interface

RF signal input: x1

RF signal loop out: x1

Audio output Stereo / Video output: x1

HDMI: x 1

IR: x1

Digital Audio output S/PDIF: COAXIAL x1

USB2.0 port for External USB PVR function: x2

Physical

Size: 200mm X 150mm X 24mm

Color: White

Demodulation

Compliant with: DVB-C

Demodulation: 16QAM / 32QAM / 64QAM /
128QAM / 256QAM

IF bandwidth: 8MHz J83-A/C

Video Decoding

Compliant with: MPEG-4 part10 /

MPEG-2 ISO/IEC 13818

MPEG-4 Simple/Main/Advanced

Profile@Level3 10Mbps

MPEG-2 Main Profile@ Main Level 15 Mbps

H.264 MP@L3 10Mbps, H.264 HP@L4.1 25Mbps

Aspect ratio: 4:3/16:9

Video format: PAL / NTSC

Resolution: 480i/480p/576i/576p/720p/1080i/1080P

Audio Decoding

Compliant with: MPEG-1/2,

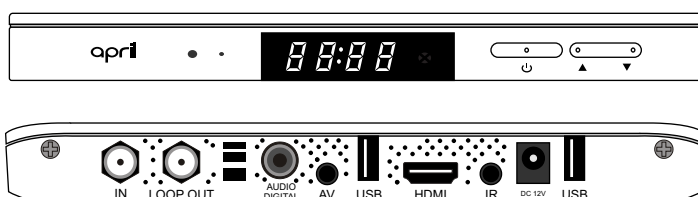
Ac3 "optional", HE AAC "optional"

Power

Input Power: DC12V 1.5A

Maximum power consumption: 9W

Standby power: ≤ 1W



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Digital