

*“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

### QPC-1643/16ES

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

- High quality April's Tuner
- In built Smart card CAS system
- High Speed Haier 166 MHZ Processor and high memory capacity
- DVB-C and MPEG-2 compatibility
- Capable of receiving Messages
- DVB-C Standard and MPEG-2 Compliant
- PAL and NTSC Automatic system compatibility
- Tele-Text / Data Broadcast Support
- Up to 1000 Digital Programs store in memory
- Support EPG (Electronic Program Guide)
- NIT Auto Search Programs
- Favorite Channels
- Parental Control
- Aspect Ration 4:3 and 16:9
- Multi-Language Menu (English, Spanish and Portuguese)
- User Friendly Menu
- Firmware can be upgradeable over the air and with RS232
- Right, Left, Stereo and Mono Audio
- Auto-Power off memory
- High Quality Auto Switching Power Supply

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

Input frequency range	250MH z- 860MHz
Input impedance	75Ω
Processing speed rate	166MHz
Flash memory	16-64Mbit
SDRAM	64-256Mbit
RF input interface	F-type
Input level	-15 dBmV-+20dBmV
Constellation	QPSK
Symbol ratio	1.6 Mbaud-27.00Mbaud
Video output	1 V-p-p two channel/75Ω
Video frequency response	≤+ 0.5dB(within 5MHz)
Video demodulator pattern	ISO/IEC13818-2 MPEG-2 MP@ML
Single channel video compressing bit rate	2-15 Mbps-Adjustable continece
Resolution	720x576/max / Adjustable with signal received
K coefficient	≤3%
DG	≤5%
DP	≤5°
Audio demodulator pattern	MPEG-1 Layer 1 / Layer 2
Audio working pattern	Mono / Stereo
Audio sampling freq	32 KHz/ 44.1KHz / 48KHz
Audio output	L + R or mono 0.775Vrms600Ω
Audio frequency response	+ 0.5dB / 60Hz-18kHz
Output interface	RCA
Data output	RS-232
Working temperatura	+5°C - +40°C
Storage temperatura	-10°C - +70°C
Power supply	AC 80VAC - 265VAC - 47Hz-63Hz

