

'An industry-leading digital terrestrial PCTV product providing seamless integration with Microsoft Windows MCE 2005 edition and XP Home/Pro'

Black Gold Hardware

Platform

- Low profile small footprint PCB design 60mm x 120mm
- Half and full height brackets available
- S-video/Composite video interface options
- Low noise 4 layer PCB
- All supply rails fully regulated
- Supports NEC remote control or Soft IR decode for low cost remote control implementation with GDI remote controller (optional)
- PCI 2.2 compliant
- PC99 compliant
- ACPI support
- Operating temperature -10 to 60 C

RF Front End

- Digital terrestrial tuner receiver
- Worldwide support 6MHz and 7/8MHz saw filters
- 2k and 8k COFDM supported
- Fully compliant with ETS300 744 and exceeds NorDig2
- Support for hierarchical modes
- Fulfils Cenelec requirements EN55013 and EN55020
- IEC or F connector
- Signal modulation for QPSK, 16QAM, 64QAM
- Frequency coverage 49MHz to 861MHz VHF and UHF support



Application Software

Microsoft Windows Media Center

- MCE approved tier 1 developer
- WHQL BDA drivers
- Multiple DVB-T tuner support
- Software MPEG2 encode option
 - Dual analogue tuner support
 - Dual external video interface support

Black Gold Application - Optional

- Support for Windows XP Home/Pro and MCE
- Multiple Tuner Support
- Separate Radio and TV Application support.
- Intuitive interface
- Resizable viewing window to full screen
- Automatic channel tuning
- Simultaneous multiple channel recording.
- Instant/schedule recording
- Full PVR functionality, time-shifting and pause
- One touch record scheduling
- Automatic program naming and indexing of recordings
- Preference configuration window
- Status and Channel window
- Now and next program information
- **Electronic Programme Guide**, including a comprehensive recording scheduler.
- A 'Mini mode' optimised for watching TV while you work
- Schedule recordings view windows
- Full screen on any desktop resolution or monitor size
- Deinterlacing, Inverse Telecine detection (PAL 2:2 and NTSC 3:2) and Adaptive noise filtering guarantee best picture quality.
- Multiplex channels real-time viewing window
- Variable record stream rate
- Still image capture to BMP or JPEG
- Fully integrated Teletext, just like a real TV
 - Immediate page access
 - Auto phone number, URL and Email recognition
 - Comprehensive keyword search
 - Single/ multiple page printing
 - Support for all European Character sets

Microsoft Windows Media

- Seamless integration with Microsoft Media Player
- One touch playback of recorded TV and Radio
- Seamless transfer of recordings to portable players
- Edit recorded video using Microsoft Movie Maker
- Catalogue recordings with Media Library

Remote Controller - Optional

- Attractive, fully-featured remote handset
- Full remote control of all Black Gold applications
- Full remote control of any Windows™ application
- Fully configurable using powerful scripting tools
- Powerful Windows Media Player Integration allows you to browse and playback audio and video from your entire digital media collection
- Comprehensive on screen feedback for true remote operation

Speech integration for reading back documents and Emails remotely.