

# Janus

Advanced USB2.0 Mobile Digital TV Receiver

Reference Design with Full Antenna Diversity & FM Radio



Powered by Siano's SMS1230, Janus is an ultra low cost, high performance, Mobile Digital TV (MDTV) USB2.0 High Speed (HS) receiver reference design with full MRC diversity support.

Siano's Janus is a multi-standard, multi band add-on USB accessory supporting DVB-T and ISDB-T over VHF & UHF frequency bands. In addition the Janus offers an enhanced features set \*, including FM audio reception.

Janus targets PC related products such as netbooks, notebooks, laptops, Ultra Mobile PCs (UMPCs), Mobile Internet Devices (MIDs) and pocket PCs.

The Janus allows manufacturers and designers to reduce time to market for competitive MDTV products, as well as build a small form factor foundation for their own proprietary MDTV designs.

## Highlights

- Turns every portable PC product into a multi-standard, multi-band, diversity enabled MDTV receiver
- FM Audio and Data (RDS) reception
- USB 2.0HS compliant
- Low cost diversity solution
- Superior mobility performance
- Superior interfere protection
- Guarantees minimal investment in R&D resources
- Enables fast time to market
- Certified USB device drivers:
  - Microsoft Windows XP (WHQL)
  - Microsoft Windows Vista (WHQL)
  - Microsoft Windows 7 (WHQL)
  - Linux

(\*) For additional features and capabilities, please refer to your Siano's local sales office.



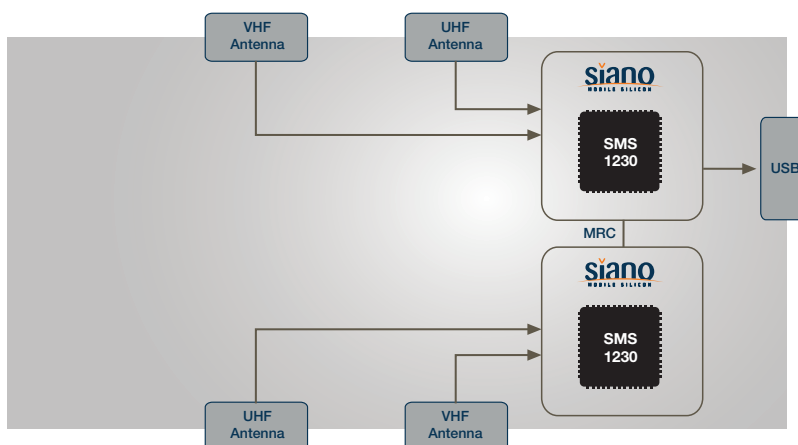
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## Key Features

- USB powered
- UHF and VHF MRC Diversity Support
- Enables multiple frequency Picture-in-Picture (PiP)
- Low power consumption
- Small form factor
- Support for Personal Video Recording
- (PVR) applications – display one program while recording another
- Option for bundling with reference TV applications from partner software providers



Full Diversity USB2.0HS MDTV Receiver

## Supported Standards

- DVB-T
- Mobile ISDB-T
- T-DMB
- DAB, DAB+ (Ver. 2)
- FM Radio

## Supported Bands

- VHF III (87.5-240 MHz)
- UHF (470-862 MHz)

## Supported Interfaces

- USB 2.0 High Speed (HS)

Specifications are subject to change without prior notice.

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