

B101 DVBS-S QPSK Satellite Receiver



The Hawkeye B101 QPSK receiver module is a demodulator for use in professional applications where QPSK services are taken off-air and presented as DVB-ASI content to descramblers, decoders or stream processors, or for onward transmission in other networks.

Demodulating a single RF channel to dual-buffered DVB-ASI outputs, the B101 is ideal for redundancy architectures. Status is indicated on the front panel, with additional advanced control, configuration and measurement functions available through the local RS232 port or via the B065 chassis controller module.

The module is housed within the V1606 (3RU) or F010 (1RU) chassis.

Applications

- DVB-S single and multi-service demodulation
- Digital turn-around (DTA) systems
- Signal acquisition for transrating or transcoding platforms
- Off-air monitoring, combined with descrambling or decoding modules
- Off-air signal measurement and monitoring

Features

- QPSK to DVB-ASI demodulation with dual DVB-ASI outputs
- Hot-swappable, compact module
- Tuning including either actual or high/low Ku band LNB offsets
- Demodulated outputs available in either burst or byte modes, 188 or 204 byte packets
- Spectrum inversion for specific C-band applications
- Independent alarm thresholds for pre- and post-Viterbi
- Carrier-to-noise, BER measurements, internal LNB power management and alarm status feedback available through GUI software
- Module status indicator available on front panel
- Low power consumption
- Remote control through RS232 or Ethernet SNMP v1 with B065 chassis controller

Ordering information

B101 DVB-S QPSK receiver module with single RF input, dual ASI outputs and C-, L- and KU-band compatible



System integration from studio through to transmission

As a result of continual product development, specifications are subject to change without notice.



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