



DCH-5500P

Professional HEVC IRD and Processor

General:

The DCH-5500P is the newest model of PBI's IRD product family. It provides operators an ideal solution for receiving, re-multiplexing, descrambling and decoding operations, maximum supporting 1080P@60fps decoding. Equipped with a variety of inputs, it ensures compatibility with all transmission media. The DCH-5500P's re-multiplexing capabilities enable creation of new transport streams that are subsets of the original stream. Customized services may be output as multiple SPTS or MPTS over IP, as well as over ASI. By the dual DVB common interfaces, each slot could decrypt multiple services in one transport stream independently. DCH-5500P is also a professional IRD that features a broadcast quality decoder for MPEG-2 and MPEG-4 AVC/H.264 HEVC/H.265 in Standard Definition and High Definition formats, and provides a variety of industry standard digital and analog outputs, including CVBS video, HDMI, and SDI interface. The unit also performs aspect ratio adaptation of HD programs to generate professional quality baseband analog video and audio outputs for easy integration with existing cable network infrastructure. This all-in-one architecture makes the DCH-5500P an ideal product for distribution and contribution networks.

Features:

- Variety of input options DVB-T/S2/S/C/T/DS3, TS/IP and ASI
- Supports DVB-S2 Input Stream Identifier (ISI, optional) and DVB-T SFN MIP pass through
- Redundant backup among Tuner, ASI and TS/IP with configurable priority
- SD/HD/ MPEG-2, MPEG-4 AVC/H.264, HEVC/H.265 video decoding
- Analog and Digital Outputs, ASI, CVBS, HDMI, SDI, TS/IP
- Built-in 2x re-multiplexer
- 2x DVB-CI Slots, multi-program decryption
- Multi-program decryption with BISS, support BISS-1 and BISS-E mode
- Dynamic PMT detection and automatic updating
- Supports VBI TELETEXT, EBU/DVB Subtitle, Closed Caption
- UDP/RTP, Unicast/Multicast, and double full duplex SPTS/MPTS over IP
- Remote Control and Supervision by SNMP, HTTP WEB and TRAP
- TFT monitor and headphone socket
- On Site software update through IP and USB
- RSSI, received C/N, Eb/No & BER monitoring



Back panel Interface (Full option)

