

IDY-200 4 Channels H.265 HD/SD IRD



IDY-200 series HD/SD IRD can support receiving, decode different module. Supports AVS+/H.265/H.264/MPEG2 decoding, support RF/ASI/IP input, support 4K/2K/1080P/1080I/720P/576I/480I different resolution, support 10 channels MPTS/64 channels SPTS output, supports dual gigabyte IP output.

Product Feature

- Input Interface: IP, ASI
- Out Interface: CVBS / HDMI / HD/SD-SDI / AES / EBU/Analog stereo Audio / ASI / IP etc.
- Support AVS+ / H.265 / H.264 / MPEG2 Decoding.
- USB interface supports the function of upgrading equipment while turn on the equipment.
- Support Biss_1 and Biss_E Decryption
- Support DRA / AC3 / AAC / MPEG Audio etc.
- Compatible with HD, SDI signal.
- Resolution can be identified automatically or set manually
- Friendly operation interface and convenient operation menu system, be able to set all configuration via LCD on front panel.
- The Web Network Mangement Base on B/S
- Support Dynamic Monitoring for Signal Output Intensity, SNR(Signal Noise Ratio), and warning for signal unlocking.

Product Advantage

- DTV Head-end
- DTV Interface converter, it is convenience to inter-convert different equipment
- Video on demand(VOD), IPTV Broadcast monitoring etc.

Specifications

ASI Input/Output	Input Interface	1 x BNC, 75 Ω
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		Output Interface	2 × BNC, 75 Ω
		Standard	DVB-ASI, EN50083-9
		Output Bitrate	≤ 200 Mb/s
IP Input/Output		Interface	2 × RJ-45, 10/100/1000 Base-T
		Valid Bitrate	900 Mb/s (1000 Base-T)
		Frame Length	Adjustable (1-7) × 188 bytes
		Protocol	UDP / RTP, Unicast, Multicast
Audio/Video Output	Analog Video	CVBS	4 × RCA, 75Ω
		Output Level	1.0 Vp-p ±5% (Standard text flow)
		CVBS Format	PALBDGHI, PALN, NTSCM, PALN-C, NTSCM, NTSCM443, PALM, SECAM, NTSCMJ, PAL & NTSC
		SNR	≥ 56dB
		Synchronizing Amplitude	300 ± 20mVp-p
		Amplitude Features	±0.8 dB (4.8MHz) ±1 dB (4.8-5MHz) +0.5/-4 dB` (5.5 MHz)
		Output Amplitude	700 ± 30mVp-p
		Differential Gain	≤ 8%
	Digital Audio	Interface	4 × AES / EBU
	Analog Audio	Interface	4 × RCA, 4 × XLR
		Audio Mode	Left, Right, Dual Mono, Stereo
HDMI Output		Standard	4 × HDMI(up to 4K) resolution and Frame rate
		Resolution and Frame Rate	4K@30, 1080@60P, 1080@50P, 1080@60I, 1080@50I, 720@60P, 720@50P, 576P, 576I, 480P, 480I
		Embedded audio	Two channels stereo audio
HD/SD-SDI Output		Interface	8 × BNC, 75Ω
		SD-SDI Output	SMPTE 259M, 270 Mb/s (10bit)
		HD-SDI Output	SMPTE 292M, 1.485 Gb/s (20bit)
		Output Level	800 mVp-p ± 20p-p
Decoder		Video Decoder	MPEG-2 / MPEG 4 / H.264 AVC / H.265 HEVC / AVS+
		Audio Decoder	MPEG-1 layer I/II, MPEG-2 layer II, MPEG-2 AAC, MPEG-4 AAC LC, 2-CHANNEL/5.1 CHANNEL AC3 / DRA
Data Output		Subtitle	DVB / EBU
		Closed Caption	EIA 608, EIA 708, EIA 608-to-708
Managment		Interface	1 × RJ-45, 10/100 Base-T
		Local Control	Front Panel Button & LCD

	Remote Control	HTTP Web
	Upgrading	IP or USB
General	Size	1RU / 450 x 350 x 44 mm
	Weight	5 kg
	Power	AC 90V-250V, 50/60Hz
	Temperature	0℃ ~ 45℃(Working), -10℃ ~ 60℃(Storage)
	Humidity	10 ~ 90% (non-frozen)