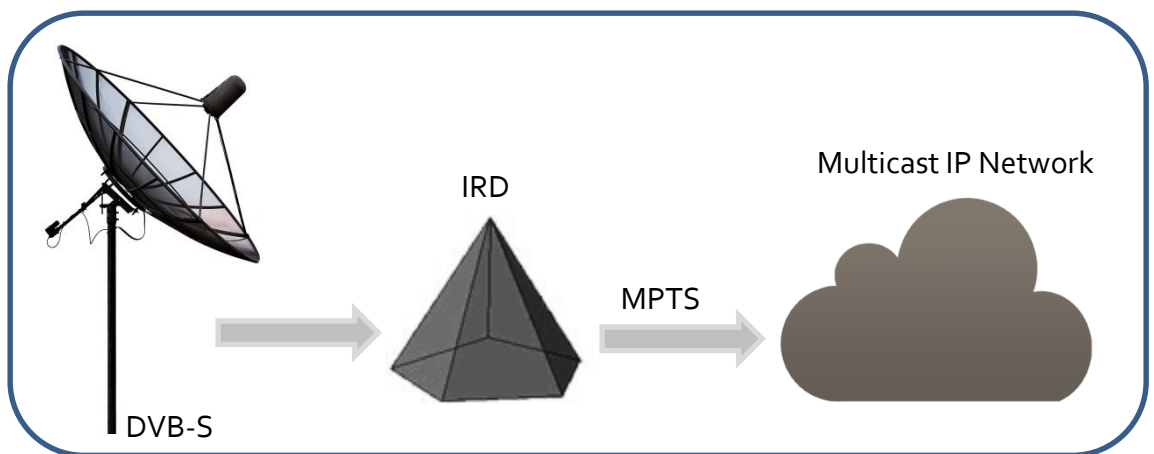


Video Solutions for Multicast Networks

IRD (Integrated Receiver Decoder)

IRD is a signal reception system that receives and converts signals to suitable format to display via end-user devices.

Doğal Zeka IRD tunes to selected DVB-S/S2 satellite signals, extracts the MPEG transport stream in it and transmits onto the multicast IP network.



Doğal Zeka IRD is a Satellite-to-MPTS solution, which is both robust and economic compared to similar products in the market.

Current configuration accepts up to 2 or 4 transponders and transmits them over the multicast network as an MPEG-TS / IPTV streaming data.

Doğal Zeka IRD Technical Specifications

DZ-IRD- R	DZ-IRD- P	TECHNICAL SPECIFICATIONS DVB-S/S2
<p>DVB Gateway Unit receiving up to 4 transponders 1-2-4 tuners per unit (2 x QPSK / 8PSK) For all Digital TV and Radio Channels With 2-tuner unit, 2 CAM-module sockets (optional) 1 x 10/100/1000 Base T connection SPTS/MPTS support IGMP Multicast and Unicast output 19" rack mount, each unit with 1U height Raid 1 mirroring support (optional) Hot plug HDD (optional) DVB-S/S2 Tuner Control with Web GUI</p> <p>Currently in development: PS/SI processing, for dynamic service selection and adjustments PID filtering/remapping and Service ID remapping</p>	<p>DVB Gateway Unit receiving up to 4 transponders 1-2-4 tuners per unit (2 x QPSK / 8PSK) For all Digital TV and Radio Channels With 2-tuner unit, 2 CAM-module sockets (optional) 1 x 10/100/1000 Base T connection SPTS/MPTS Support IGMP Multicast and Unicast Output Portable Hardware Raid 1 mirroring support (optional) DVB-S/S2 Tuner Control with Web GUI</p> <p>Currently in development: PS/SI processing, for dynamic service selection and adjustments PID filtering/remapping and Service ID remapping</p>	<p>Receiving Frequency: 950~2150 MHz Tuning Range Input level: -69~-23dBm 4x Advanced DVB-S2/DVB-S 8PSK QPSK Demodulator Symbol Rate: DVB-S QPSK 1~45Mpsps DVB-S2 QPSK/8PSK 2~36Mpsps Automatic Acquisition Range: ±10MHz Automatic Pilot Detection 8PSK Puncture codes: 3/5,2/3,3/4,5/6,8/9,9/10 QPSK Puncture codes: 1/2,3/5,2/3,3/4,4/5,5/6,8/9,9/10. Support Data Burst & Tone Burst Support DiSEqC2.X and Motor Standard Profile TV Card Size: 150x80mm (Length x Height) TV Card Weight: 131 Gram Package Gift Box Size: 200 x 140 x 50mm (Length x Width x Height) Package Gift Box Weight: 352 Gram</p>