DVB-S2X 4K Hybrid STB with RDK 4.2

model# DSD4828

Hardware

Processor Info	UHD 16000DMIPS QUAD Core A 55 with Mali G52
Memory DDR	2GB DDR4 (2 * 1GB)
Memory NAND flash	8GB eMMC Flash
Front End	2 * DVB-S/S2
HDMI Output Resolution	576p@50, 720p@50, 1080i@60/59.94, 1080p@60/59.94, 2160p@30, 2160p@60/50 (4k)
LNB power load	200mA MAX
Housing Buttons	5 buttons (top side)
Housing LED	Bi color Green/Red
Dimen w*h*d (mm)	125 -30 -125
Certificates	National Certificate - CE(EU), National Certificate - CoC/ErP(EU), Optional WEEE certificate, REACH Compliant, RoHS Compliant
Lifetime	5 years at 40 degrees Celcius
Operating humidity	10 to 95% RH non-condensing
Operating temp.	5 to 45° C

Software

Browser	HTML5/HbbTV compliant Chromium based browser
IP Streaming	HLS, MPEG-DASH, Smooth Streaming, UDP unicast, UDP multicast, RTP unicast, RTP multicast, RTSP Interleaved
Audio codecs	AAC, AAC-HE, AAC-HE V2 Downmix, AAC-HE V2 Passthrough, Dolby Digital / AC3 Downmix, Dolby Digital / AC3 Passthrough, DD+ Downmix, MP2, MP3 (MPEG1-I/II/III), PCM, Wave
Video codecs	AV1 Main Profile ,Level 4.1 (FHD), AV1 Main 10,Level 5.x (4K), MPEG-1MPEG-1 MP/HL up to 1080P@60fps, MPEG-2 MP/HL up to 1080P@60fps, H.263, MJPEG, MPEG-4 AVC / H.264 HP@L4.1 MP@L4.1, HEVC Main 10 profile Level 4.x (FHD), HEVC Main 10 Profile Level 5.x (4K), VP8 Simple/Enhance Profile up to 1080P@30fps, VP9 Profile-2 up to 4K@60fps
Container formats	MKV, TS, MPG, AVI, FLV, 3GP, MP4, TRP, MOV, VOB, ASF, WAV
Image codecs	JPG, PNG, GIF(Up to 1280x720), BMP
Menu languages	English, Russian, Spanish
DRM	HDCP 2.3
EPG Style	Defined by selected 3rd party UI
User Interface	Customer HTML5 UI

Connectivity

Connectors	DC connector, HDMI Output v2.0, Ethernet (R-J45 without LED)
Connectors RF (+shielding)	RF input 2 F-Type, CAN shielding 2 connectors
Connectors USB	1 * USB 2.0 - side, 1 * USB 3.0 - side
WiFi/BT	Build in SDIO 2x2 802.11ax 2.4G/5G and UART BT 5.0 with internal antenna

Accessories

Cables	HDMI 1.4 FHD Cable 1.5m with CEC
Power supply	18W PSU EU
Power Supply_Rating	12v 1.5A
RCU (Remote Control Unit)	Tech4Home NOTUS BLE

This product leaflet contains various optional features. Contact our sales team for a detailed quotation.
ABOUT US: EKT is a world-class design centre, specialising in Set Top Box, Modem and Smart TV designs solutions. more info? www.EKT-Digital.com

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