



4K IPTV/OTT STB with VMX Ultra

model# DIN4805v



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Hardware

Processor Info	UHD 16000DMIPS QUAD Core A 55 with Mali G52
Memory DDR	2GB DDR4 (2 * 1GB)
Memory NAND flash	8GB Nand eMMC Flash
Front End	Ethernet
Video resolution	480i, 576i, 720p@50, 1080i@60/59.94, 1080p@25, 1080p@30/29.97, 1080p@50, 1080p@60/59.94, 2160p@25, 2160p@30, 2160p@60/50 (4k)
Housing LED	Bi color Green/Red
Certificates	National Certificate - CE(EU), DRM certificate, Optional WEEE certificate, REACH Compliant, RoHS Compliant
Lifetime	7 years at 25 degrees Celcius
Operating humidity	10 to 95% RH non-condensing
Operating temp.	0 to 40° C

Software

Browser	HTML5/HbbTV compliant browser
Playback source	Defined by 3rd party MW and UI
IP Streaming	HLS, MPEG-DASH, Smooth Streaming, UDP unicast, UDP multicast, RTP unicast, RTP multicast
Audio codecs	AAC, AAC-HE, AAC-HE V2 Downmix, AAC-HE V2 Passthrough, Dolby Digital / AC3 Downmix, DD+ Downmix, FLAC, 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, MPEG-4 AVC / H.264 HP@L4.1 MP@L4.1, MPEG-4 ASP@L5 up to 1080P@60fps, MPEG4 AVC HP@L5.1 up to 4Kx2K@30fps, HEVC Main 10 profile Level 4.x (FHD), HEVC Main 10 Profile Level 5.x (4K), VC-1 SP/MP/AP up to 1080P@60fps, VP8 up to 1080p60, VP9 Profile 2 level 4.1, up to 1080p60, VP9 Profile-2 up to 4Kx2K@60fps
Container formats	MKV, TS, MPG, AVI, FLV, 3GP, MP4, TRP, MOV, VOB, ASF, Xvid
Image codecs	JPG, PNG, GIF(Up to 1280x720), BMP
Menu languages	English
DRM	HDCP 2.3, MS PlayReady 3.x, Verimatrix Ultra IPTV
EPG Style	Defined by selected 3rd party UI
User Interface	3rd party MW solution

The DIN4805 is launched with solidTV, EKT's STB middleware that delivers a browser based interface. The unit will be upgradeable to RDK4.2 later in the year if so desired. This will give access to premium apps.

Connectivity

Connectors	DC connector, HDMI Output v2.0, Ethernet (RJ45)
Connectors USB	1 * USB 3.0 - back
WiFi/BT	Build in SDIO 2x2 802.11ax 2.4G/5G and UART BT 5.0 with internal antenna, Various WiFi modules available

Accessories

Cables	Ethernet 3m, HDMI v2.0 1.5m
User Information (Manual)	Quick Start Guide, Warranty Card
Power supply	12W PSU EU
Power Supply_Rating	12v 1A
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

All information is non-binding and subject to change at any time

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