RED OPTICUM®

AX ATOM 4K UHD Digital Satellite Receiver

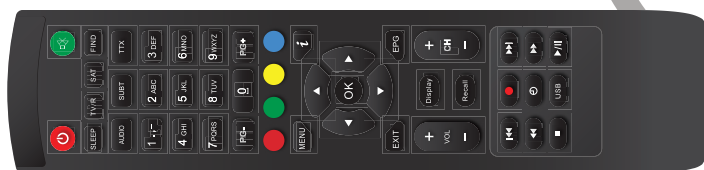**DVB S2X®** | **4K UHD** | **3D** | **DIY IPTV** | **CR CARD READER** | **12V**

The latest generation satellite receiver AX ATOM enabling reception of real 4K channels! The receiver is equipped with the latest generation sat tuner S2X - higher efficiency of the existing band - even up to 51%. LAN port and optional WiFi stick connection allows its users to use many apps as well as IPTV function.

RED OPTICUM™

AX ATOM

DVB S2X®

Efficiency gains up to 51% compared to DVB-S2

MAIN FEATURES:

DVB-S2X (MPEG-II / MPEG-IV / H.264 H.265)
Support for **4K Ultra High Definition** channels
4Kx2K @ 60fps, 10bit
H.265 4K * 2K @ 60fps
VFD display
3D Video support
DiSEqC1.0 / 1.1 / 1.2 / 1.3 (USALS)
True full Color (32 bits) OSD
PVR, Timeshift, Media Player support
Multilingual menu

Multistream, T2MI, PLSN support
Network applications*: Netlink, FTP, RSS, Weather
7-day Electronic Channel Guide (EPG)
Subtitle and teletext support
8 FAV groups (Favorites)
2 X USB 2.0

AX ATOM 4K UHD Digital Satellite Receiver

HARDWARE:

DVB-S2X tuner
Card reader (CR)
Digital audio output - Coaxial
AV connector (3.5mm Jack)
HDMI 2.0b Transmitter with CEC 2.01
RJ45 LAN-Ethernet 10 / 100Mbit
2x USB2.0
DC 12V / 1.5A

Chipset: ALIM2661
CPU: 2x MIPS74K (4000DMIPS) 1.0GHz
Flash: SPI NOR
SD-RAM: 2x 256MB DDR3

SOFTWARE:

Multilingual menu
Records support (PVR) and time shift (Timeshift),
Multistream, T2MI, PLSN support
Network applications *: IPTV (Netlink), FTP, RSS, Weather
7-day Electronic Channel Guide (EPG)
Subtitle and teletext support

8 FAV groups (Favorites)
Entertainment center: Media Player
Channel manager: Favorites / Sort / Move / Delete / Edit
Software update via USB

AUDIO & VIDEO:

Video
ACM supported, H.265 MP@level 5.1 Main Tier, H.264 BP/MP/HP@level4.1, Video
coding provides VBR and CBR model, Low latency coding

Audio
MPEG L1/L2, DTS HD/DTS M6 Decoding, AAC-LC,HE AAC V1/V2,APE/FLAC/Og-
g/AMR-NB/WB,G.711(u/a),Dolby MS11,HE-AAC transcoding DD

LOGISTIC DATA*:

Pcs. in packaging: 1 pcs.
Dimensions of the product: 145x110x30mm
Product weight (NETTO): 0.27kg
Package dimensions: 228x160x51mm
Package weight: 0.59 kg
Quantity in the collective carton: 12pcs.
Height of EURO pallet: 170 cm
Custom Code: 8528722000
Art. Nr. TUN0113

*Logistic data are subject to change without notice.

Efficiency gains up to 51% compared to DVB-S2.
Amongst other improvements are:
Higher modulation schemes (64/128/256APSK)
Smaller roll-off factors of 5%, 10% and 15%
Improved filtering making it possible to have smaller carrier spacing
Channel bonding can combine several different carriers increasing
efficiency in DTH applications

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