

FRONTNICHE

12G - 6G - 3G

*UHD HDR Satellite (DVB-S2) Professional Receiver with
Terrestrial (DVB-T2) and Cable (DVB-C) Modules + 12G SDI O/P
& 4" Integral Monitor.*

Ultra Enigma UHD HDR Receiver

Introducing the new Professional UHD HDR Multi-Medium Receiver



This combined medium receiver reduces the hardware requirement when designing new High Definition 'Head End' installations.

The SDI O/P allows Broadcasters, Post Production, OB's etc to directly ingest the receiver's content into their SDI routing infrastructure.

This is the Ultimate Professional Multi-media UHD HDR IRD on the market to date.

- 4 x 3G-SDI + Embedded Audio O/P's
- Optional 12G or 2 x 6G O/P's
- Remote control RS232
- 4" Integrated Monitor
- 2 x Common Interface / 2 x Smart Card
- 1 x Advanced Pluggable Tuner system for Single/Dual DVB-S2/C/T/T2
- 2 x Advanced Pluggable Tuner system for FBC DVB-S2 (16 Demodulators)
- 1 x Advanced Pluggable Tuner system for FBC DVB-C (8 Demodulators)
- Ultra Fast with ARM-Quad Core 1.5GHz with 20,000 DMIPS (BCM 7444S)
- 2.5"/3.5" Internal HDD support
- 4GB Flash/3GB DDR4
- PIP (Picture in Picture)
- Supports HDR

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FBC – Full Bandwidth Capture

FBC technology allows more possibilities by capturing more transponders. So the 2 FBC tuners can pull in up to 8 transponders providing they are in the same frequency band/polarisation i.e.

(950 MHz – 1950 MHz) : Low-Band / Vertical
(950 MHz – 1950 MHz) : Low-Band / Horizontal
(1100 MHz – 2150 MHz) : High-Band / Vertical
(1100 MHz – 2150 MHz) : High-Band / Horizontal

So if watching a channel in band 1 on tuner 1 you can with the same tuner pull 3 additional transponders in that band at the same time. So with the two FBC DVB-S2 tuners in the IRD then reception of up to 8 transponders simultaneously is possible.

Specification

Designation :	Ultra Enigma UHD Multi-media HDR Receiver Decoder
Receiver :	Terrestrial, Cable, Satellite, IP,
Brand :	Frontniche
Definition :	4K, Ultra HD
Conditional access :	CI
Smart card reader :	2
Common interface :	2
PVR :	PVR Ready
Connected :	Yes
Networking & Communication :	Wi-Fi, Bluetooth, Ethernet
Dedicated solution :	Linux

Audio

Audio mode : Dolby AC3, MPEG-1 layer 1/2, MPEG-2 layer II

Standard

Transmission : DVB-T2, DVB-S, DVB-S2, DVB-C, TCP IP

Compression standard : MPEG2, MPEG4, H.265, HEVC, QPSK

Picture resolution : 720 x 576p, 1280 x 720p, 1920 x 1080i, 1920 x 1080p, 3840 x 2160p

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Tuner type :	Triple
Satellite tuner :	Twin
Input frequency :	950 - 2150 MHz
Modulation SAT :	8PSK, QPSK
Connector type (sat) :	F - Femelle
DiSEqC compatible :	DiSEqC 1.0, DiSEqC 1.1, DiSEqC 1.2, USALS, Toneburst
Tuner DVB-T :	Optional
Input frequency :	47 - 864 MHz
Modulation TER :	16QAM, 64QAM, COFDM

Connecters

Antenna input :	2
Analogue Audio Output :	2
SPDIF Coaxial :	1
SDI :	4 x 3G (Optional 12G or 2 x 6G O/P's)
USB 3.0 :	2
Magic eye :	Yes
Ethernet / RJ45 :	1
RS232 :	1

User interface

Subtitles :	Yes
Teletext :	Yes
Parental control :	Yes
EPG :	Yes
Plug and Play :	Yes
OTA soft download :	via USB, Internet

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Multimedia

Multimedia player :	Yes
Microprocessor (CPU) :	Quad Core 20000 DMIPS
Flash memory :	4 GB
SDRAM :	3 GB
Video codecs :	AVC, H.264, H.265, MPEG-4
Apps :	Browser Internet, HbbTV

Minimum System Requirements

Internet connexion :	Yes
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Various

Dimensions in mm L x l x H :	48.2 x 35.5 x 8.8 cm
Consumption while moving (Watts) :	85W
Stand-by consumption :	0.5W
Weight :	2.95 kg