

MPEG 4/2 HD DTA WITH EMBEDDED SECURITY



Embedded Conax
Content Security

Evolution's MPEG-4/2 high-definition digital transport adapter offers the ability to convert digital channels to analog. Evolution's DMS-1004HD-CA is designed as a cost-effective solution to help manage the costs of digital migration.

Operators can install the ultra-low cost HD DTA in subscriber homes today and as subscribers update their secondary analog TV sets to small HD flat panel TVs, the HD DTA works seamlessly without the need for an operator re-visit.

Evolution's HD DTA is extremely compact and encompasses an IR Extender to allow the unit to be installed behind the TV Set.



FEATURES & BENEFITS

- Compact High-Definition Cable Receiver
- HD and SD MPEG-2/H.264
- Supports the Embedded CONAX Content Security
- HDMI & Analog A/V outputs with copy protection
- User-Friendly On-Screen Display in your language
- Now/Next Program Information
- Easily installed behind the TV
- Offers ability to Future Proof Subscribers
- Parental Lock Function
- Channel sorting
- Supports Closed-Captioning and Emergency Alert
- 6.5" W x 5.3" D x 1.2" H

EVOLUTION DIGITAL

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Specifications

Product Code: DMS1004HDC

RF Input

DMS1004HDC

Input Connector	F-Type Female
Input Frequency	54-864 MHz
Input Impedance	75 Ohm
Digital Input Signal Level	64-QAM -15 to +15 dBmV
	256-QAM -12 to +15 dBmV
Modulation schemes supported	64-, and 256-QAM
ITU_T J.83 Support	Annex B only
Symbol rate	5.361 Msps for 256-QAM
	5.057 Msps for 64-QAM
Max Transport Stream Throughput	80 Mbps

Video Decoding

Standards Supported	MPEG-2: MP@ML, MP@HL
	MPEG-4: L5 ASP
	H.264: MP@L4, HP@L4.1, (MP or HP)@(L3.2 or L3.1 or L3)
Formats Supported	HD and SD
HD Decoding	720p 60 fps
	1080i 60 fps
Type	NTSC

Audio

Formats Supported	Dolby Digital (AC-3)
	MPEG (layer 1, 2, 3)

Display Resolutions

Analog outputs	480i
Digital output	720p 60 fps
	1080i 30 fps
Simultaneous Analog & Digital Output	Supported

Graphics Resolution

Max Resolution	1920x1080
Simultaneous HD and SD User Interface	Supported

Analog A/V Output

RF Connector	F-Type Female
RF Modulated Channel Selector	Manual switch, Ch. 3 or 4
Baseband Connector	mini-jack RCA

Digital A/V Output

DMS1004HDC

Connector	HDMI, version 1.3
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Copy Protection

Digital	HDCP version 1.2
Analog	CGMS-A

Content Security

CA Support	Conax CAS7 (DVB-CSA)
Card type	SIM; ISO 7816

Mechanical Specifications

Dimensions	6.5" W x 5.3" D x 1.2" H
Weight	1.3 lbs

Electrical Specifications

DC Supply Input AC Voltage	100-240 VAC, 50/60 Hz
DC Supply Output Voltage	12V

General Features

Mute Function	Yes
Channel List	Yes
Closed Captioning	DigiCipher II subtitling and DVB subtitling, EIA-708 and EIA 608
Emergency Alert	In-band EAS
Parental Control	Yes
Favorites	Yes
On Screen Display	Yes

Remote Control

RF4CE	Supported
Line of Sight Distance	up to 100 ft.
Non Line of Sight Distance	up to 50 ft.

Mechanical Specifications

Dimensions	4.5" W x 3.5" D x 1" H
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All values are typical unless noted otherwise. Specifications are subject to change without notification.