

MPEG-2 SD DTA WITH EMBEDDED SECURITY



Embedded Conax
Content Security

Evolution's digital-to-analog converter set-top box offers the ability to convert digital basic channels to analog. Evolution's DMS2002 series DTA converters are MPEG-2 with embedded Conax full encryption content security. The DMS2002 series is designed as a cost effective solution to help manage the costs of digital migration.

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

FEATURES & BENEFITS

- Small and Compact Standard-Definition Cable Receiver
- SD MPEG-2
- Supports the Embedded CONAX Content Security
- Universal Remote Control (Optional)
- Baseband and RF Modulated Analog A/V outputs with copy protection
- User-Friendly On-Screen Display in your language
- Now/Next Program Information
- Supports Closed-Captioning
- Parental Lock Function
- Channel Sorting
- 4.75" W x 3.75" D x 1.2" H



EVOLUTION DIGITAL

7347 S Revere Pkwy, Bldg A
Centennial, CO 80112

800.315.2253

evolutiondigital.com

Specifications

Product Code: DMS2002CAE

Tuner	Unit	DMS2002CAE
RF Input Connector	-	F-type female
RF Output Connector	-	F-type female
Input Signal Frequency	MHz	55 to 862
Digital Input Signal Level	dBmV	64-QAM -15 to +15, 256-QAM -12 to +15
Input Impedance	ohms	75
ITU_T J.83 Support	MHz	Annex B only
QAM Constellation	QAM	64, 256
Symbol Rate	Msp/s	5.361 for 256-QAM, 5.057 for 64-QAM

Digital Video

Format	-	SD
Algorithm	-	MPEG-2 compatible, Main Profile @ Main Level
SD Decoding	-	720x480, 30 fps
Type	-	NTSC
Video Bit Rate	Mbps	15 max.
Display Resolution	-	480i
Active Ratio	-	4:3 or 16:9

Digital Audio

Formats	-	MPEG (Layer 1,2, 3), Dolby Digital (AC-3)
Sampling Frequency	-	32 kHz, 44.1 kHz, 48 kHz for MPEG formats

A/V Output

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

Conditional Access and Copy Protection

CA Support	-	Conax CAS7 (DVB-CSA)
Card type	-	SIM; ISO 7816
Analog Copy Protection	-	CGMS-A

Function

Mute Function	-	Yes
Display Program	-	Yes
Closed Captioning	-	DigiCipher II subtitling and DVB subtitling
Emergency Alert	-	In-band EAS
Channel List	-	Yes
Select Screen Size	-	4:3 / 16:9
On Screen Graphic	-	Yes
Channel Memory	Ch	4000

General Specifications

DC Supply Input Voltage	-	100-240 VAC, 50/60 Hz
DC Supply Output Voltage	-	5V
Weight	lbs	0.4
Dimensions	inches	W 4.75" x H 1.2" x D 3.75"

All values are typical unless noted otherwise. Specifications are subject to change without notification.