



CODICO® CID-3100

DVB Common Interface Decryptor for CATV and Digital Turnaround Systems

General

CODICO® CID-3100 is the ultimate solution for Digital Turnaround systems and CATV operators, for DVB-CI decryption of incoming (off-air or on premises) encrypted digital television channels. The clear Transport Stream can further be re-transmitted or re-multiplexed for re-distribution following grooming, VBR (Variable Bit-rate) processing and/or re-encryption.

The CODICO® CID-3100 is powerful and innovative. This professional four slot DVB-CI unit decrypts channels encrypted by a number of leading Conditional Access Systems. It supports DVB SimulCrypt and MultiCrypt, offering multiple channel decryption up to the full incoming transport stream, as well as concurrent support of up to four different CA systems. The CID-3100 offers dual ASI outputs for turnaround and loop-through.

Applications

- DVB-CI Transport Stream Decryption
- Transport Stream re-multiplexing
- Digital Turnaround systems
- CATV head-end re-distribution
- Satellite re-distribution
- Telecommunication, SDH or microwave
- Distribution network

Features and Options

- ASI Transport Stream input and loop-through output
- QPSK front-end receiver
- Configured and controlled through front panel and SNMP

1 RU

DVB Common Interface
(up to 4 slots)

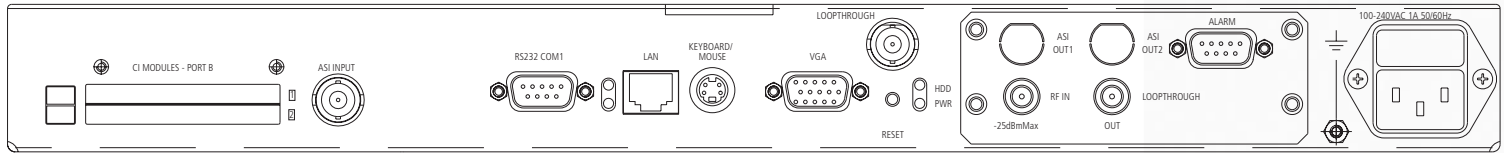
Dual ASI Transport Stream outputs

Enhanced DVB Transport Stream
Monitoring software

Decrypts part or all programs
in a receiving transport stream

Concurrent decryption support
with up to four different CA systems

Support for leading CA systems



Transport Stream Input	DVB-ASI <ul style="list-style-type: none"> • Interface: Copper • TS bit rate: Up to 54 Mbps • Loop-through output 	Scopus Video Networks LTD. Tel: +972 3 9007777 Fax: +972 3 9007888 www.scopus.net info@scopus.net
Receiver Input Options	DVB Satellite - QPSK <ul style="list-style-type: none"> • Frequency range: 950 - 2150 MHz • Symbol rate range: 1 - 45 Msym/s • TS bit rate: up to 72 Mbps • LNB Control: 14V, 18V, off, 22KHz (350mA) • L-Band RF input and Loop-through output 	Americas Tel: +1 609 9878090 Fax: +1 609 987 8095 www.scopusamericas.com info@scopusamericas.com
Outputs	Transport Stream Output <ul style="list-style-type: none"> • 3 DVB-ASI outputs • 1st and 2nd ASI: <ul style="list-style-type: none"> - Copper - Input stream with selected programs descrambled 	Argentina Tel: +54 11 5235 4565 www.scopusamericas.com info@scopusamericas.com
Conditional Access	DVB-CI <ul style="list-style-type: none"> • Interface: up to 4 CI slots – EN-50221 • CA method: Multicrypt, Simulcrypt • Scrambling Algorithm: DVB CSA (Common Scrambling Algorithm) 	China Tel: +86 10 65880035/6/7 Fax: +86 10 65880039 www.scopus.cn info@scopus.cn
Control and Monitoring	Local <ul style="list-style-type: none"> • Operating System: Windows NT™ • PC Kbd + Monitor • Front Panel • GPI dry contacts for various status and faults • Software Upgrade 	Germany Tel: +49 69 9500 2255 Fax: +49 69 9500 2266 www.scopus-europe.de info@scopus-europe.de
Physical Details	<ul style="list-style-type: none"> • 1RU high (19" rack) • Dimensions: 4.4 x 48.2 x 30.2cm; 1.75" X 19" X 11.9" • Weight: 2.5 Kg /5.5 lbs 	India Tel: +91 22 5593 9291 Fax: +91 22 5593 9299 info@scopus.net
Operating Conditions	Operation <ul style="list-style-type: none"> • Temperature: 0°C - 50°C • Humidity: 5% - 85% non-condensing 	Japan Tel: +81 3 5778 7073 Fax: +81 3 5717 6092 info@scopus.net
Compliance	EMC <ul style="list-style-type: none"> • EN55022, EN50024; EN61000-3-2, 3; EN61000-4-2, 3, 4, 5, 6, 11 • FCC part 15 Subpart B (Class A) 	Mexico Tel: +52 55 1952 1396 Fax: +52 55 5868 5329 info@scopus.net

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