

The CCII is a portable COFDM transmitter for wireless digital transmission of video, audio, and user defined private data. It can be mounted directly to the back of a professional camera or available in a backpack version.

A pioneer in Digital COFDM Technology, BMS' Coder II line of products offer low delay, 4:2:0/4:2:2 MPEG-2 encoding and decoding, RF amplification, and COFDM modulation for non-line-of-sight operation. Standard features include ASI In, SDI In, and proprietary data scrambling.

Digital COFDM microwave is highly resistant to multipath degradation. The more powerful the signal, the farther it will go. BMS' 10 Watt power amplifier offers up to 10W RF power out. When paired with the Coder II products, powerful systems are created for airborne (Heli-Coder II System), ENG (Truck-Coder II System) and portable (Field-Coder II System).

Applications:

- ▶ Roving Sport Venue
- ▶ Mobile Broadcast Reporting
- ▶ Wireless TV Production

Key Features:

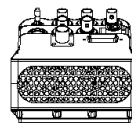
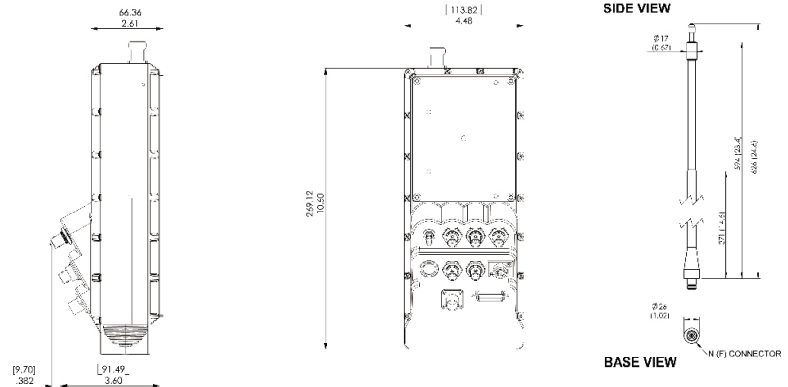
- ▶ Low Delay
- ▶ Selectable Output Power
- ▶ 1 Watt Output
- ▶ Multiple Channel Plans
- ▶ MPEG-2 4:2:2/4:2:0
- ▶ Non Line-of-Sight Transmission
- ▶ Camera or Backpack Mount
- ▶ PAL/NTSC
- ▶ DVB-T Compliant
- ▶ 8 Preset Configurations
- ▶ Proprietary Encryption System

Accessories:

- ▶ Backpack
- ▶ BMA-2-0-CC Omni Antenna; 2 dBi
- ▶ Anton/Bauer Batteries and Charger
- ▶ Fitted Carrying Case



CCII-REM - Remote Control



Specify Battery Mounting System (Or None):

- ▶ Anton/Bauer Gold Mount
- ▶ "V-Block" Type
- Others Available Upon Request

Technical Characteristics	
Frequency	1.99-2.5 GHz, 2.3-2.7 GHz, 4.4-5.0 GHz, 6.425-6.525 GHz (Step Size 0.25 MHz)
MPEG-2 Encoding	4:2:0/4:2:2
End to End System Delay	<90 msec
Video Channel	1
Audio Channels	2: (32, 64, 128, or 192 Kb/s per Channel)
Data Channels	1: (RS-232 = 1200 bps)
COFDM Modulation Scheme	DVB-T Compliant (2K Carriers)
Channel Bandwidth	6/7/8 MHz
RF Output Power	1W Max. (Typical); Adjustable (Presets): 25mW, 100mW, 250mW (2 GHz)
Power Consumption	3.2 Amps/12V at 1W RF Output (40W Standard, 30W Low Power Version)
Input Voltage	+11 to +32 VDC
Preset Configurations	8
Operating Range	-20° to +50°C
Dimensions	2.61" x 4.48" x 10.6" (6.63 x 11.38 x 26.9 cm)
Weight	5.5 lbs (2.50 kg)
Other Features	<ul style="list-style-type: none"> • CCII-REM: Handheld Remote Control with High Luminosity Fluorescent Display • Can be used as Stand-alone Encoder • Expert Mode for User Configuration • 1 x 2 ASI Mux Features
Options Available	<ul style="list-style-type: none"> • Backpack • Mechanical adapters for specific cameras • Battery mounts for most common batteries • 2 dBi Omni Antenna, 1.99-2.11 or 2.4-2.6 GHz, 26" Long • 2dBi Omni Antenna, 1.99-2.7 GHz on 26" Extender

Ordering Information		
CCII-7	1.99 - 2.5 GHz	Up to 1W
CCII-4L	4.4 - 4.7 GHz	250mW
CCII-4H	4.7 - 5.0 GHz	250mW
CCII-9	6.425 - 6.525 GHz	250mW