



## EQUIPMENT

The Truck-Coder II (TCII) is a non-broadcast mobile transmitter for use in the frequency range of 1999 MHz to 2500 MHz.

This product supports the following Emission Designators:

FCC ID	Modulation	Emission Designators		
CNVTCIIAD-2	Digital	6M00W7D	7M00W7D	8M00W7D
CNVTCIIAD-2	Analog	15M0F8W		

Operation under FCC rule parts: **74, 90**

## APPLICATION

Truck-Coder II is designed for use in ENG News Vehicles (rule part 74) and Law Enforcement Command Posts (rule part 90). The TCII supports transmission of video, audio, and data.

The TCII operates in both digital (COFDM) and legacy analog (FM) transmission modes. It features a DVB-T compliant (COFDM) modulator MPEG2 video encoder. The system is designed to support both 12 MHz and 17 MHz BAS channel plans (in both Digital and FM transmission modes). The two-unit system consists of an Indoor rack-mounted exciter Unit (IDU) and an Outdoor mast-mounted RF Transmitter Unit (ODU). An optional second RF unit can be added to support dual band operation. The system integrates support for mast mounted antenna relay, feed controls and other accessories. The indoor unit provides support for multiple analog and video signal formats and provides an industry standard 70MHz IF output.

## TECHNICAL DESCRIPTION

Technical description is detailed in the User's Manual.

## **Broadcast Microwave Services Inc.**

12367 Crosthwaite Circle, Poway, CA 92064-6817  
Phone: 858-391-3050. Toll Free: 800-669-9667. Fax: 858-391-3049. Web: [www.bms-inc.com](http://www.bms-inc.com)