Overview

The General Dynamics VoIP Adapter (VOAD) is a Voice over Internet Protocol Gateway that interfaces analog voice channels to and from an IP system. The VOAD can be configured to transition analog voice for a radio (GRS) or a Voice Switch (VCS) to a VoIP system.

VOAD interfacing capabilities include:
- GD CM-300 (V2) series VoIP radios to a legacy analog voice communications system (VCS)
- GD Remote Control Unit to GD CM-300 (V2) VoIP radios
- GD URC-200 or GD CM-300 (V1) analog radios to an IP network

VOAD modules can be used as standalone units or inserted into a standard 1U support frame, with up to 3 VOAD modules available per drawer.

The VOAD is compatible with the EUROCAE ED-137 standard.
Technical Specifications

- **Standards**
  - EUROCAE ED-137
  - SNMP

- **Analog Audio interface**
  - Max audio input level: +10dBm / 600 Ω
  - Programmable audio output level: -30 to 0 dBm / 600 Ω

- **IP technology**
  - VoIP
  - SNMP
  - 2 Ethernet ports

- **Mechanical characteristics of the module**
  - Width: 5.5 in
  - Overall depth: 17 in
  - Height: 1.75 in (1U)
  - Weight: 2.5 lb

- **Mechanical characteristics of the rack mountable frame**
  - Width: 19 in
  - Overall depth: 17 in
  - Height: 1.75 in (1U)
  - Weight: 2 lb

- **Environmental**
  - Operating: between -20°C and +55°C
  - Relative humidity: 95% at +40°C (noncondensing)
  - Storage: from -30°C to +80°C

- **Power (per VOAD)**
  - 24 VDC (21-31 VDC)
  - < 1.5A
  - Power converter for 110/220 50/60 Hz operation included

- **Cables**
  - Interface cables available

- **Hardware Configurations Available**
  - Available with 1, 2 or 3 VOADs in a 1U 19” rack mountable frame

VoIP Adapter (VOAD) Gateway