

**Video Distribution Amplifiers**

**Electronic Blanking Units**

**Ruggedized Power Supplies**

**Audio Distribution Amplifiers**

**Specialty Electronics Services**



At EON Instrumentation, we aspire to complete your electronics products to make your company as successful and efficient as possible. Staffed with highly qualified engineers, EON gets the job done with skill and experience for products needing the quality of an FAA or military design and manufacture. EON's most sought after products and capabilities include video distribution amplifiers, electronic blanking units, ruggedized power supplies, audio distribution amplifiers, and specialty electronic services.



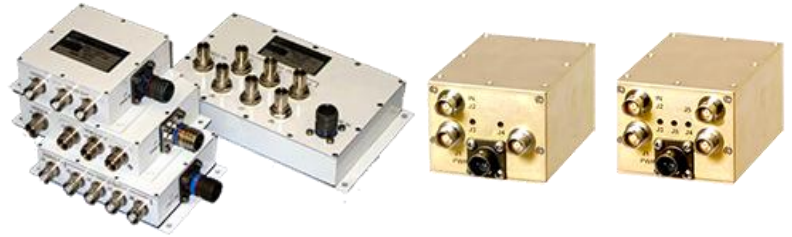
# Specialized Products and Services

## ..... For the Prime Systems Suppliers

EON Instrumentation designs and manufactures high value products for airborne, ground, space, and ship applications. All of our products are developed in conformance with AS9100:2009 Rev. C and ISO9001:2008.

### Video Distribution Amplifiers

- Multiple In/ Multiple Out
- Remote and Local Switching
- Automatic Gain Control
- Environment Qualified to MIL and FAA Specs



### Electronic Blanking Units

- Combine blanking input pulses
- Creates blanking suppression signals
- Both general and custom units
- Environment/ EMI Qualified

### Ruggedized Power Supplies

- Full Service Development and Production
- Complete Environment Qualification
- 5W to 300W Multi-Voltage Requirement
- AC or DC Input



### Audio Distribution Amplifiers

- Combines audio signals from inputs
- Multiple Input/ Multiple Output
- Single Output available
- Independent Level Controls

### Specialty Electronic Services

- Engineering/Manufacturing
- FAA Certified Repair Station
- Encryption Support Models
- MIL-STD and FAA S/W Development



# Example Programs



EON Instrumentation designed and developed custom Emitter Blanking Control Units for NAVY surface ships as an upgrade from legacy BCU units.

EON Instrumentation designed, developed, and supplies its Video Distribution Network for the Stryker and LAVIII vehicles.



EON Instrumentation provides a FLIR Video Distribution System for cockpit and forward observer communication coordination.



EON Instrumentation delivers Video Amplifier / Distribution Units to a variety of UAS platforms including the Predator, Reaper, and foreign military programs.



EON Instrumentation provides Video Distribution Amplifiers, Emitter Blanking Control Units (BCU), and power supplies on the Apache, MH60 and other helicopter programs.



EON Instrumentation delivered on-time to an accelerated schedule critical avionic power supply, video, and Emitter Blanking Control Units for the P-3C and C130 Programs.



# Products and Services

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## ..... Supporting Customer Needs

Since 1961, EON Instrumentation has been dedicated to developing and manufacturing high technical value subsystems for the government and commercial Line Replaceable Unit system suppliers. The five current product lines of EON are Video Distribution Amplifiers, AC/DC Power Supply Assemblies, Emitter Blanking Control Units, Audio Distribution Amplifiers, and Engineering / Manufacturing Services.

### Video Signal Distribution and Amplification – Customers include:

#### Airborne

Airbus Military  
Boeing  
EADS CASA  
General Atomics  
LM Aeronautics

L3 Communications  
Sikorsky

#### Ground Vehicles

BAE  
Boeing  
General Dynamics LS

#### Space

Edwards AFB  
LM Space and Com.  
US ARMY Yuma P.G.  
US NAVY China Lake  
Vandenberg AFB

#### Sea

LM Owego  
ITT Defense Systems  
US NAVY NSWC – Crane

### AC & DC Power Supply Assemblies – Customers include:

Boeing  
Goodrich Corp.

Lockheed Martin Egan  
Northrop Grumman

NSWC  
US NAVY China Lake

VT Miltope

### Interference Blanking and Control – Customers include:

ITT Defense Systems

L3-Communication ISD

Lockheed Martin Egan

US NAVY – NSWC Crane

### Audio Distribution Amplifier Systems – Customers include:

Boeing

General Dynamics

LM Aeronautics

### Engineering / Manufacturing Services and Specialized Products – Customers include:

BAE Systems  
Lockheed Martin Aeronautics

Lockheed Martin Egan  
Lockheed Martin Training and Services

SEA TAC Airport

### FAA Repair Station EOIR152X – Customers include:

China Airlines

Monogram Systems

Northwest Airlines BE / Aerospace

VT Miltope



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Since 1961

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