

Camera Link to GigE Vision Converter

**FEATURES**

- Camera Link inputs accepted
- GiGE Vision output interface
- Rugged Milled Aluminium housing
- RS422/RS485/CAN interface options
- Mil-Std-38999 Connectors
- Operating Temperature -40°C to 50°C
- CE Approved
- ROHS Compliant
- Dual HD-SDI inputs available

The VES7003 is a Rugged Camera Link to GigE Vision video converter. The VES7003 provides a Base, Medium and Full configuration Camera Link Interfaces to be converted to an uncompressed GigE Vision format for distribution over a 1G ethernet network.

The unit is enclosed in a rugged black anodised milled aluminium housing fitted with Mil Spec 38999 connectors. The unit is IP61 rated with an option to extend this to IP67.

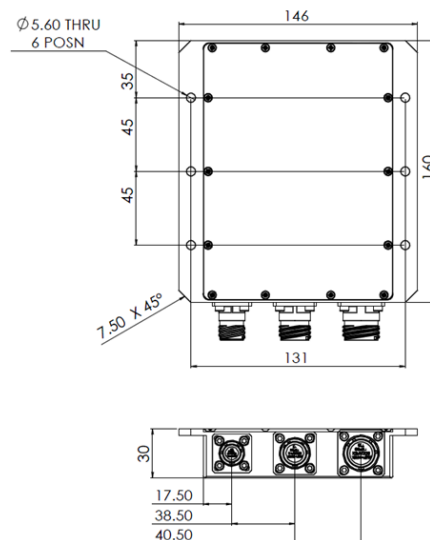
The hardware FPGA implementation ensure an ultra-low video latency figure of as little as 2 x video line periods.

An optional web interface allows the units IP address and other configuration settings to be altered.

A communications channel is available for communications with a camera or other equipment. This channel can be RS422/RS485 or CAN bus (please specify using the correct part number)

Technical Specifications

Video Inputs	
Camera Link	Supports the Base, Medium and Full configuration Camera Link Interfaces.
Communications	
Ethernet	1x 1000B ethernet video streaming channel
RS422/RS485	1 x RS422 interface (RS485 or CAN bus build option available)
Connectors	
Rugged MIL Standard (MIL-STD-38999)	
Mechanical	
Weight (Approx.)	700g
Dimensions	146mm(W) x 160mm(H) x 30mm(D)
Colour	
Black Anodised	
Environmental	
Humidity	90% @ +40°C noncondensing
Ingress Protection	IP61 (IP67 option available)
Temperature	Operating Temperature: -40°C to +50°C Storage Temperature: -40°C to +125°C Cooling: No Moving Parts. Passive
Power	
Input Power Voltage: 18-36V	
Power Consumption: 13W	
Conformity	
2004/108/CE - RoHS	
Extended EMC Conformity	Enquire for details
Extended Environmental	Enquire for details



Part Number Information

VES7003-X-I

X : Communication Interface None = 0, RS422 = 1, RS485 = 2, CAN bus = 3

I: = IP67 option otherwise blank