

Rugged 12G-SDI 1x4 video splitter designed to operate under MIL-STD-810 shock / vibration



## 1X4 VIDEO SPLITTING

12G-SDI 1x4 rugged video splitting with signal regeneration

## FRONT FACING CONNECTORS

One 12G-SDI input (BNC) & four 12G-SDI outputs (BNC).

## BUILT TO WITHSTAND

Designed to MIL-STD-810 and SWaP efficient.

## Rugged 12G-SDI 1x4 Video Splitter

The Hydra 1004R is a rugged 12G-SDI 1x4 video splitter designed to operate in harsh environments with extended temperature (-40 to 70 C), shock (up to 40 g), and vibration (0.1g<sup>2</sup>/Hz) to be compliant with MIL-STD-810. It splits a 12G-SDI, HD-SDI, or SD-SDI video input across four 12G-SDI outputs (BNC) for viewing or distribution.

The Hydra 1004R features signal regeneration which re-clocks the 12G-SDI signal to ensure that the video quality is not compromised. All connectors including power are front-facing for ease of mounting. Power and SDI link status LEDs are visible on the front of the unit.



MIL-STD 810  
Shock



MIL-STD 810  
Temperature



MIL-STD 810  
Vibration



SWaP



# Hydra 1004R Specifications

## Interface

12G-SDI over BNC

## Video Input

One 12G-SDI, HD-SDI or SD-SDI on BNC Male

## Video Outputs

Four 12G-SDI, HD-SDI or SD-SDI on BNC Male

## Humidity (MIL-STD-810)

95% without condensation

## Shock (MIL-STD-810)

40g

## Dimensions

1.37H" x 5.25W" x 3.15L" Meets NEMA 4

## Power Input

28 VDC (MIL-DTL-38999)

## Operating Temperature (MIL-STD-810)

-40 to 70°C

## Vibration (MIL-STD-810)

0.1 g /Hz

# Hydra 1004R Block Diagram

