

Comprehensive
ARINC 818 Solutions.....

ARINC 818 Monitor





ARINC 818-2 Monitor is powered by High-Performance FPGA to accept various ARINC 818-2 line rates up to FC 8x and display the video data according to the various ICD specifications.

Applications

- Lab Testing

HIGHLIGHTS

- Support both Optical & Copper Transmission Medium
- Accepts ARINC 818 video stream at different resolution & refresh rate
- Quick ARINC 818 ICD customization as per customer requirement

SPECIFICATIONS

Hardware Specifications

- 1x SFP connector for ARINC 818-2 Optical / 100- ohm Copper Input
- Operating temperature: 0° C to 55° C
- Power input: 230V AC

Hardware Specifications

- Screen Size: 15.6" TFT Display**
- Resolution support up to FHD@60fps
- Rugged panels with VESA-100 & 70 mounting options
- Brightness: Type 500 cd/m²
- Backlight Life: Minimum 50K Hours

ARINC 818 Monitor Spec

- Resolution: up to UHD @ 30fps
- Frame rate: 30,50 & 60fps
- Line rate: FC 1x, 2x, 3x, 4x, 5x, 6x, 8x and 10Gbps
- Pixel format: Monochrome, RGB, YcbCr.
- Scan - Progressive (left to right, starting at top)
- Pixel Aspect ratio: 1:1
- Pixel Table Number: 8-bit Components, four components per transmission word.

iWave Systems an ISO9001:2015 certified, 20+ years old leading Embedded design house based in Bangalore and a global leader in ARINC 818 solutions for both Defence and Aerospace applications. iWave offers comprehensive ARINC 818 Products which will help quicker time to market, lower your overall cost and technical support during integration. iWave can also quickly customize the ARINC 818 products and deliver.

iW ARINC 818 Monitor

The device can be ordered online from the iWave website:

<https://www.iwavesystems.com/product/arinc818-monitor/>

Or from our Local Partners in your Region:

<https://www.iwavesystems.com/business-partners/>

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INDIA

iWave Systems Tech. Pvt. Ltd.,
7/B, 29th Main, BTM Layout
2nd Stage, Bangalore-560076
Email: mktg@iwavesystems.com

JAPAN

iWave Japan, Inc.
8F-B, Kannai Sumiyoshi Building,
3-29, Sumiyoshi-cho, Naka-ku,
Yokohama, Kanagawa, Japan.
mktg@iwavesystems.com

EUROPE

International Sales & Marketing Europe
Venkelbaan 55 2908KE Capelle
aan den IJssel
The Netherlands
info@iwavesystems.eu

USA

iWave USA
1692 Westmont Ave.,
Campbell, CA95008
USA
info@iwavesystems.us