

Comprehensive
ARINC 818 Solutions.....

ARINC 818 Monitor





The ARINC 818 Monitor is a rugged display module, powered by a high-performance FPGA, capable of accepting all ARINC 818 FC line rates up to 10 Gbps and displaying the converted video data on the monitor, supporting various ICD specifications with very low latency

- Support both Optical & Copper Transmission Medium

HIGHLIGHTS

- Quick ARINC 818-2 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

Display Specs

- Screen Size: 15.6" TFT Display**
- Display resolution fixed to RGB Full HD@60fps
- Rugged panels with VESA-100 & 70 mounting options
- Brightness: Type 500 cd/m2
- Backlight Life: Minimum 50K Hours

ARINC 818 Monitor Spec

- Accepts ARINC818 video stream at different resolutions and refresh rates Upto UHD @30FPS / 2K @60FPS
- ARINC818-2 Link rate supports upto FC8x and 10Gbps
- The ARINC Monitor will be configured with a single line rate as its default factory setting.
- The ARINC monitor has a feature to detect when no source is provided, displaying "no video"
- 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/>

YouTube Video: <https://youtu.be/pVnMiJsVfoY>

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