

- [ARINC 818](#) is a point-to-point, serial protocol, high bandwidth, low latency protocol for transmission of uncompressed video up to **4K**, audio and data during blanking period, widely used in **AVIONICS**
- Streaming Interface used as Video TX and RX interface
- Supported Pixel Format: **Monochrome, RGB, YCbCr, RGBA**
- Supported Video Format: **Progressive & Interlaced**
- IP Parameter can be configurable as per the customer provided Interface Control Document (ICD) & deliver the same in **4 weeks**
- Transmission Medium: **Either Optical** or **Copper**
- **Readily available IP Evaluation Platform**
  - Xilinx: Virtex-6: ML605 , Kintex-7: KC705, Virtex-7: VC707, Zynq 7000: ZC702, Zynq UltraScale+ MPSoC: ZCU102, Kintex UltraScale: KCU105
  - Intel Stratix IV GX Development Kit, iWave Arria 10 SoC & Cyclone V SoC Development Kits

