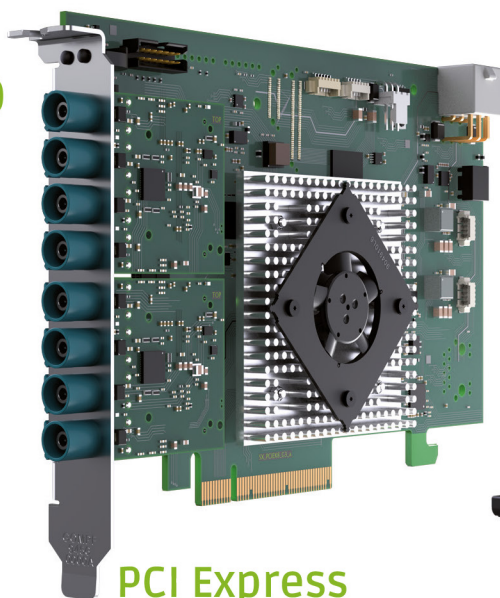


Modular Video Grabber & Playback System

proFRAME 3.0

proFRAME 3.0

- + Capture up to 8 camera video streams in 4K
- + Replay up to 8 video streams in 4K
- + Support for GMSL2 and 3, FPD-Link III and IV, GVIF3, CSI-2
- + Camera power supply over coax
- + I2C messaging
- + External trigger interface



System Setup Example

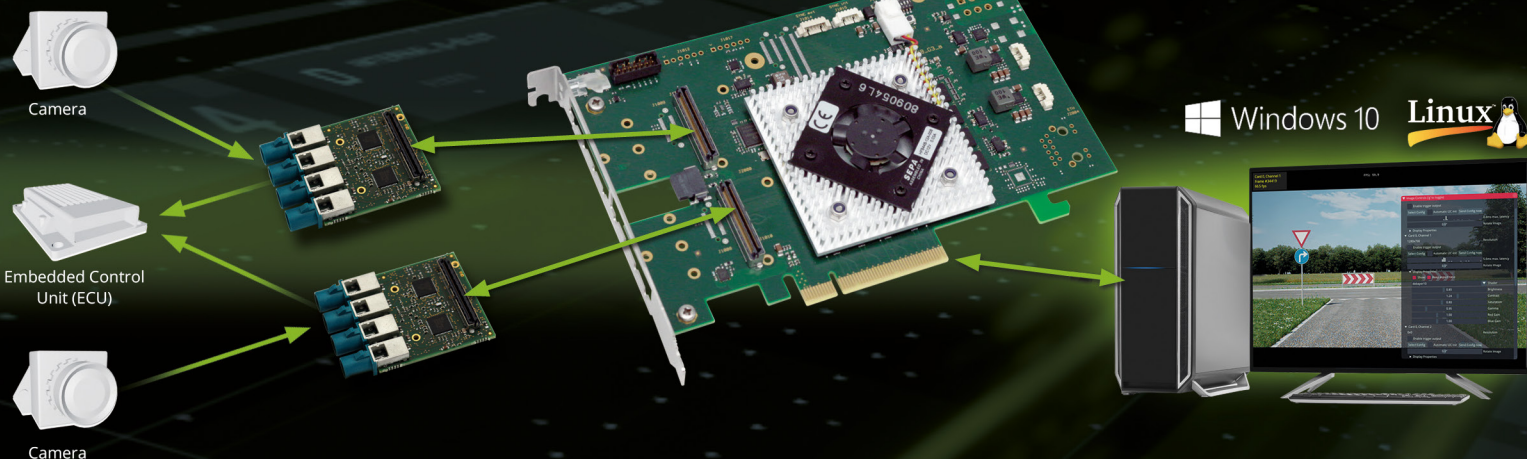
proFRAME 3.0

Customer Data Source / Target

proFRAME Camera Adapters

proFRAME Base Board

Host with proFRAME SW library & drivers



Accessories

proFRAME 3.0 Thunderbolt 3 Box

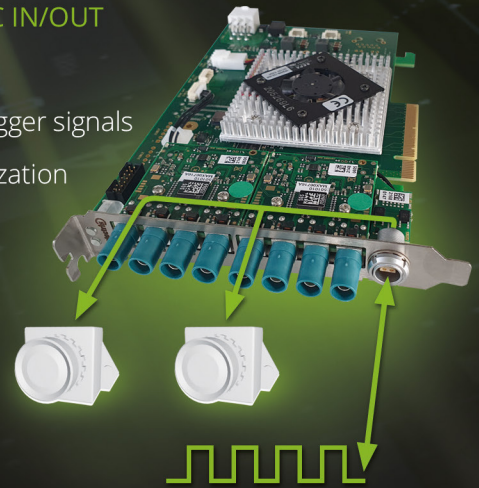
- + Use your proFRAME with host systems without a free PCIe slot
- + Product: Echo Express SE IIIe from Sonnet Technologies



proFRAME 3.0 flyer rev. A

proFRAME 3.0 SYNC IN/OUT (or DUAL IN)

- + Send or receive trigger signals
- + Camera synchronization
- + Synchronized time stamping



Areas of Application



Automotive

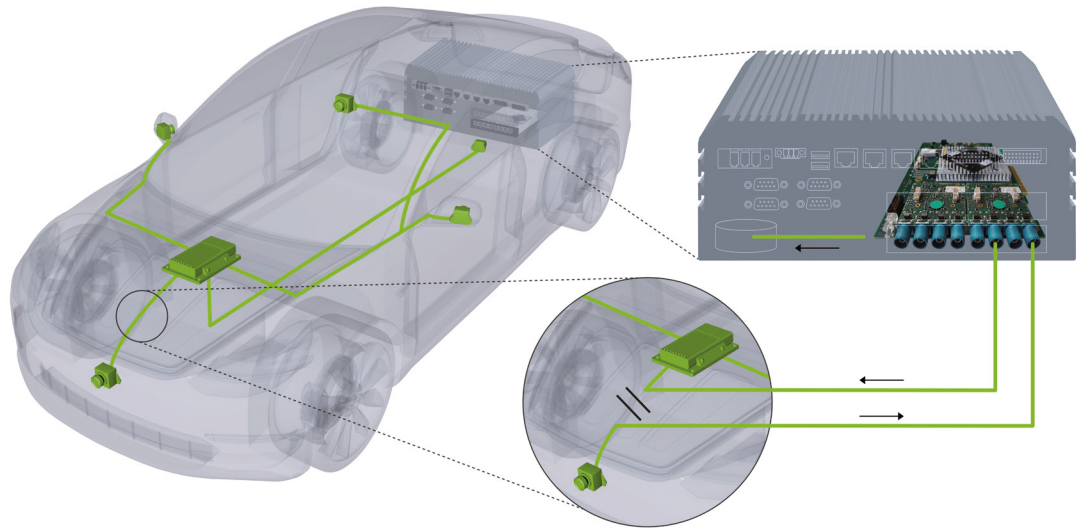


Medical



Industrial

- + Video data capture
- + Video data replay
- + Hardware in the Loop (HiL), e.g. for ADAS/AD ECU validation
- + Real-time video processing
- + Camera development
- + R&D platform for ISP development



Use case example „validation of ADAS/AD functions“:
proFRAME as „man in the middle“ in a data logging system.

Available Adapters

www.proframe.de + www.solectrix.de

All adapters come with Rosenberger FAKRA connectors. Rosenberger H-MTD connectors for STP cables are available on request. Need more? Get in touch with us and have a custom adapter developed to suit your individual project needs!

Interface	Adapter	Inputs	Outputs	Deserializer	Serializer
FPD-Link IV	camAD3 DUAL TI9702	4	-	2x Texas Instruments DS90UB9702-Q1	-
	camAD3 DUAL TI971/9702	2	2	2x Texas Instruments DS90UB9702-Q1	2x Texas Instruments DS90UB971-Q1
FPD-Link III	camAD3 DUAL TI953/954	2	2	2x Texas Instruments DS90UB954-Q1	2x Texas Instruments DS90UB953-Q1
	camAD3 DUAL TI954	4	-	2x Texas Instruments DS90UB954-Q1	-
GMSL3	camAD3 DUAL GMSL3 (4xIN)	4	-	4x Maxim GMSL3	-
	camAD3 DUAL GMSL3 (2xIN, 2xOUT)	2	2	2x Maxim GMSL3	2x Maxim GMSL3
GMSL2	camAD3 DUAL GMSL2 (4xIN)	4	-	4x Maxim GMSL2	-
	camAD3 DUAL GMSL2 (2xIN, 2xOUT)	2	2	2x Maxim GMSL2	2x Maxim GMSL2
GMSL1	camAD3 DUAL MAX96705/96706	2	2	2x Maxim MAX96706	2x Maxim MAX96705
GVIF3	camAD3 DUAL CXD4966/4967	2	2	2x Sony CXD4966	2x Sony CXD4967
CSI-2	camAD3 QUAD I-PEX varIO (4xIN)	4	-	-	-