

High-Definition Video Transmission Demo

Video image



Live image

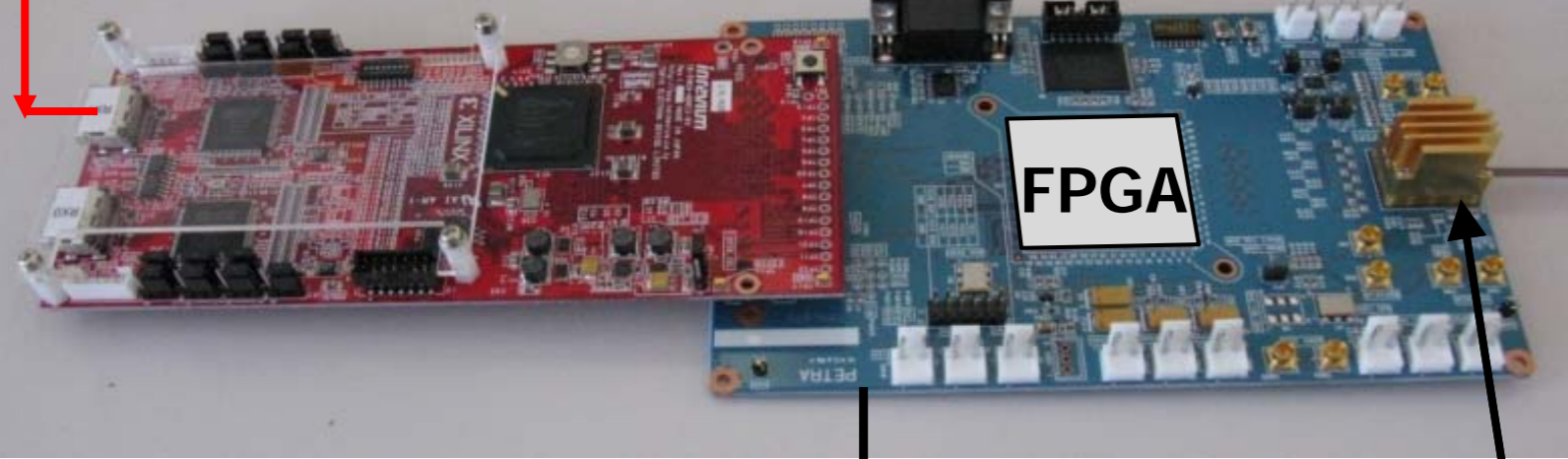


**Bit rate:
25Gb/s x 1ch
*Transmission: 100m
*Fiber: MMF
(1.4GHz km)
Wavelength: 1.3 μm

Receiving image

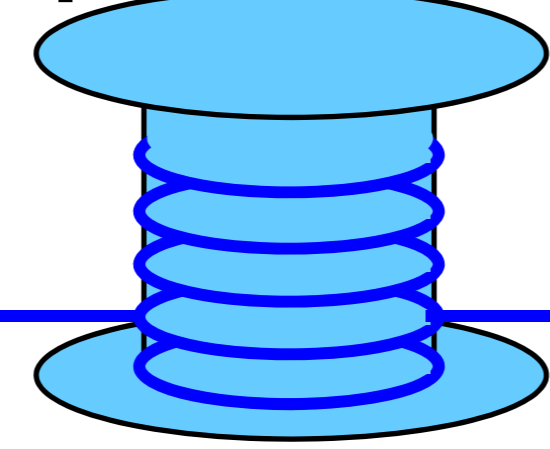


HDMI board Evaluation board

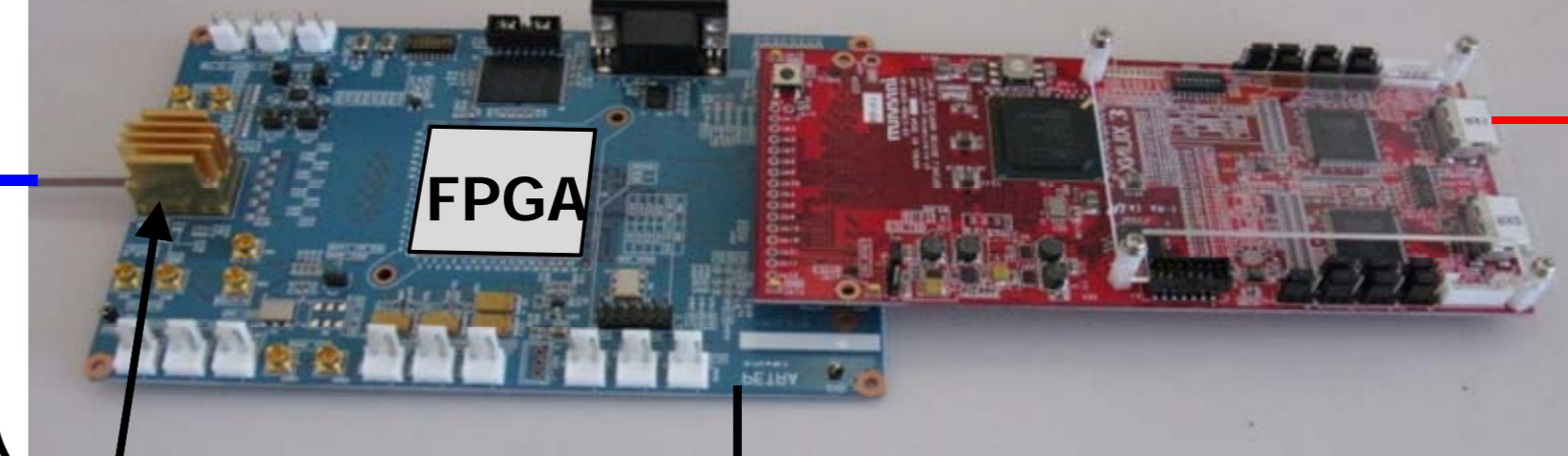


FPGA

Optical fiber

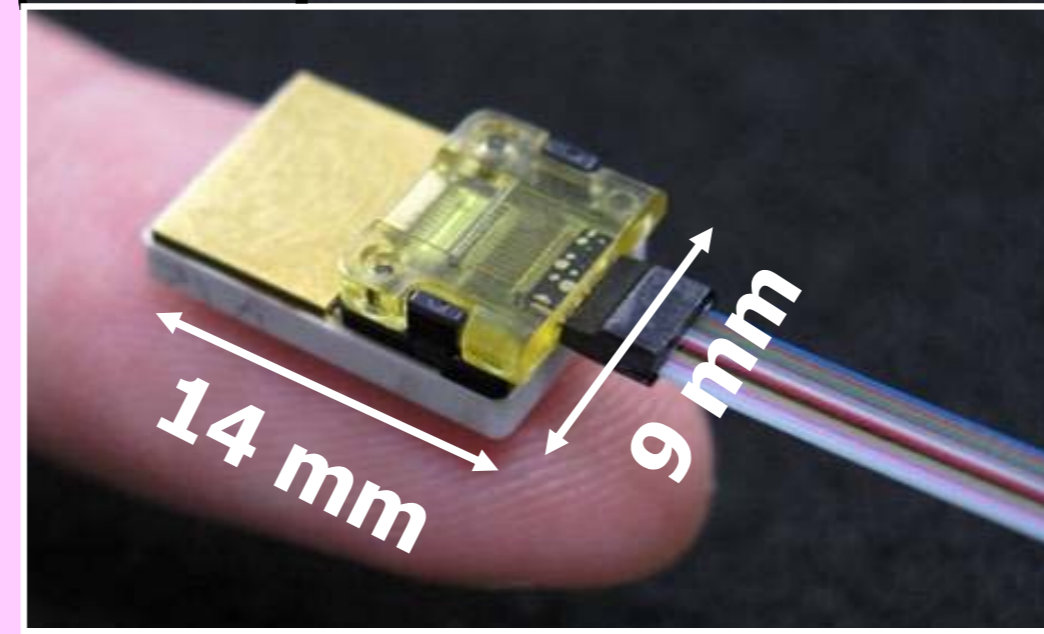


Evaluation board HDMI board



FPGA

Optical module



14 mm

9 mm

Control PC
(Optical module)



Control PC
(Optical module)



NEC

HITACHI

PETRA

Next-generation High-efficiency Network Device Technology Project