

File: R26-Camera-Specifications
Project: 800139 EyeRIS Remote Imaging System
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R26 Camera Specifications

Sensor: NOIP1SN025KA-GDI (ON Semiconductor)

Sensor type:

CMOS

Resolution: 5120x5120 px

Pixel Size: 4.5µm

Sensor Size: 23.04x23.04mm

Shutter type: global shutter

Max. frame rate:

80fps

Interface type: CXP-6 4 Lanes (up to 6.25 Gbit/s per lane)

Power over CoaXPress:

yes

Connectors on camera:

4 x female

Lens mount M58x0.75 or F-mount

Size (w / h / d) 70x71x51mm (F-mount adapter adds 35mm)

Weight 300 g

Ambient temperature -10 bis 45 °C

Protection class IP40

Power consumption

13W

Trigger intern / extern / software

Trigger edge high / low

Trigger IN TTL-24 V

2

Outputs open drain

4

Optical in 1

RS-232 1 x in / 1 x out

IO connector Hirose 12pin (HR10A-10R-12P)

Mating connector

HR10A-10R-12S

Frame grabber:

Euresys Coaxlink Quad (I will send you the link to the model we use)