

**Instrument Team**

Built by	COLDB (INAF-OACatania)
Instrument Scientists	Antonio Frasca
Instrument Engineer	Giovanni Bonanno
Location	Cassegrain focus SLN-Colacevich
Status	Commissioning

Instrument characteristic

13x13 arcmin

32 arcsec/mm

Front-illuminated; BlueChip

Kodak KAF1001E, 1024x1024

QE

[View the graph](#)

pixel size

24 micron

Operation Temperature -50 °C

Scale 0.77 arcsec/pix

Limiting magnitude V 18 (S/N 20-30, Sigma 0.05-0.03) in 15 min

Available filters

[UBVRI, Transmission curves](#)

Inverse Gain 2.0 e-/ADU

Readout noise RON 20 e- rms

Readout time 15 seconds full frame including write time

Saturation 130000 e-

Non Linearity less than 1% over the full dynamic range

□ [First light report](#)

M57 (Ring) planetary nebula



☐☐ V477 Lyr, sdOB+M eclipsing binary

