

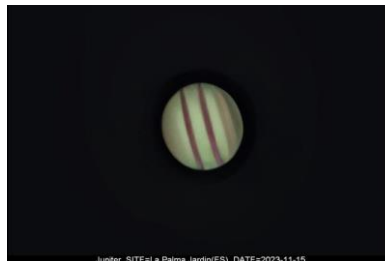
ObservationReport

all measures in mm

ObservationID 0308 on 2023-11-15 19:48

Object Jupiter

Common Name
Alternate Name (s)
Visual Magnitude -2,9
Distance ► Object 3,97AE
Apparent Size 49,6 arcsec
Object R.A.
Object DEC
WikiLink <https://en.wikipedia.org/wiki/Jupiter>



20231115_Jupiter_ASI294_0308-03WM.jpg

Link ► Picture [Jupiter_20231115](#)
Description Planet
Constellation

Picture Data

Work Status	PostProcessed	Quality	**
Source Format	Video	Picture Center R.A.	
Tot./Act. Frames/Pane	20 500	Picture Center DEC	
H / V Panes	320 240	H/V FoV [°]	584,5779 298,4237
Exp. [s] / Frame	1/1000	Above horizon [°]	0
Total Time / Pane [min]	640,00 0,01	View Direction	N

Camera Data

	ZWO Optical	ASI294MC-Pro	ZWOASI294
Camera Angle [°]	0	Pixel Pitch [µm]	4,63
Gain or ISO	281	Camera Temp. °C	-10

Observation Site

Observation Start	2023-11-15T19:48:08 UTC+/- +h	Observation End	2023-11-15T19:48:08
Observation Site	ES La Palma Jardin	Site Elevation /Bortle	470 3
Province	La Palma	Site Coordinates	28° 38' 52.0" N, 017° 53' 4

Sky & Moon

Sky Index Total Clouds	1,7 0 %	Moon Rise Set	10:46:00 20:54:00
Outside Temp. °C	22	Moon Age [d]	2
Moon Phase % Illum.	1st quarter 8 %	Moon ► Target Dist.	UNKNOWN

Optical Configuration

	TS600AS294	TS600ASI294T252	
Lens or Scope	TSO APO 90/600	Focuser	M90 TS600 Rack + Pinion
Type Of Build	APO Triplet Refractor	Focuser Position [mm]	0,00 EAF Steps 0
Brand	TS-Optics	Optical Factor	1
Additional Optics	M63 WO Rotator	FoL norm actual [mm]	599 599
Filter	-	DawesLimitLink	1,74 Arcsec
Diameter [mm]	90	Optical Scale ["/px]	1,595
Aperture / f-stop	6,66		

Other Hardware & Software

GuideScope	ZWO 30/120 mini	Mount	EQ6R-PRO
GuiderHW	ASIAIR	SessionControl	ASIAIR
GuiderSW	ASIAIR	PostProcessingSW	ASIAIRStacking

More ...

Work Folder [2023\20231115_Jupiter_0308_La-Palma-Jardin](#)

Comment

Remarks [ZWO ASI294MC Pro]
Bin = 1
Capture Area Size = 320 * 240
Colour Format = RAW8

Exposure = 0.001 Sec
Flip = None
Gain = 281
StartX = 1908
StartY = 1288

Temperature = 24.6 C
Bayer = RG
White Balance (B) = 69
White Balance (R) = 49
Video Duration=20 Sec

Used Nero AI Image Upscaler to enhance the image by factor 4.