

## Object

Common Name	Sun
Alternate Name	Sonne, Sun
Visual Magnitude	0
Distance ▶ Object	
Apparent Size	
Object R.A.	
Object DEC	
WikiLink	<a href="https://en.wikipedia.org/wiki/Sun">https://en.wikipedia.org/wiki/Sun</a>

## SOL



20220930\_112927\_SOL\_ZWOASI294\_1086\_1280.jpg

 Link ▶ Picture [SOL\\_20220930](#)

Description

Constellation

## Picture Data

Work Status	PostProcessed	Quality	****
Format	Photo	Picture Center R.A.	
Tot./Act. Frames/Pane	1 1	Picture Center DEC	
H / V Panes	1 1	H/V FoV [°]	1,8268 1,2434
Exp. [s] / Frame	10	Above horizon [°]	0
Total Time / Pane [min]	0,17 0,17		

## Camera Data

Camera Angle [°]	0	<b>ASI294MC Pro</b>	
Gain or ISO	0	Pixel Pitch [µm]	4,63
		Camera Temp. °C	0

## Observation Data

Observation Start	2022-09-30T12:32:27 UTC+/- +1h	Observation End	2022-09-30T12:32:27
Observation Site	DE GÖ MBR	Site Elevation /Bortle	182 5
Province	NDS	Site Coordinates	51° 34' N, 9° 56' E

## Sky & Moon

Sky Quality	UNKONW	Outside Temp. °C	UNKONW
Seeing Index 1	UNKONW	Seeing Index 2	UNKONW
Moon Phase	UNKNOWN	Moon Age [d]	0
Moon Percent %	0	Distance▶ Target	UNKNOWN
MoonRise		MoonSet	

## Optical Config.

	<b>Config04c</b>	<b>L:1_E:100_C:1_O:-_T:83.9_F:Asol</b>	
Lens or Scope	TSO APO 90/600	Focallength [mm]	599
Type Of Build	APO Triplet Refractor	Diameter [mm]	90
Brand	TS-Optics	Aperture / f-stop	6,66
Additional Optics	-	<a href="#">DawesLimitLink</a>	<u>1,74 Arcsec</u>
Filter	Astrozap Solar	Optical Scale ["/px]	1,595

## Other Hardware & Software

GuideScope	Microspeed 50/200	Mount	iEQ45 Pro
GuiderHW	ASIAirPro	SessionControl	ASIAirPro
GuiderSW	NONE	PostProcessingSW	ASIAIR

## More ...

 Work Folder <file:///F:/FotosLibrary/Astro/2022%20Astro/Sol/20220930>

Remarks Purpose of this image was to test the of the ASIAIR-Pro video capturing and stacking option using the sun as target. The resulting image is quite promising. After stacking, ASIAIR was used to sharpen and to color the picture before exporting it. No other post-processing applied.

Video setting in ASIAIR: BIN1, EXP = 620 us, Gain = 0, WB(R) = 55, WB(B) = 41, ROI = 1080P,

T=10s