

# AiryLab

Price list

July 2017

Price non EU (exVAT) / EU in Euros

## Astronomical instruments metrology services

The price included optical alignment and a detailed report with the following information:

- PTV and RMS wavefront errors
- WFE at the best focus (if spherical aberration is present)
- PSF profil with real scale
- MTF on two axis
- Zernike polynomial function (3rd order, up to the ninth order more on demand)
- Longitudinal and transversal chromatism and SA curve <sup>1</sup>
- Field curvature. Spot diagrams in 3 or 4 positions.<sup>2</sup>

Maximal aperture : 500mm. Shipping non included.

Reference	Description	Price EU	Price non EU
<b>RF-DP</b>	Refractor double pass measurement on three wavelengths (473, 535 & 635nm) on optical axis. 445nm wavelength in option.	250	210
<b>SC-DP</b>	Cat telescope double pass measurement on three wavelengths (473, 535 & 635nm) on optical axis up to 300mm. 445nm wavelength in option.	250	210
<b>&gt;300mm</b>	Additional cost from 301 to 500mm	100	85
<b>Option Field</b>	Field measurement by 3mm increment up to 21mm (or 35mm on large corrected fields) from axis. Spot diagrams on 3 or 4 positions and field curvature on all positions.	100	85
<b>PB-DP</b>	Parabolical mirror up to 300mm with Lyot test	250	210
<b>Option Comp</b>	Additional configuration measurement: field corrector, reducer...	100	85
<b>Secondary</b>	Secondary flat mirror measurement option, up to 150mm major axis	100	85

<sup>1</sup> For refractor or catadioptric telescope.

<sup>2</sup> if field option is selected.

## Professional metrology services

Custom measurement as defined.

Reference	Description	Price exVAT
<b>Cust</b>	Custom professional metrology service per day	1000

## Imaging software

Genika Astro is free with all our cameras. We can activate up to 2 additional cameras in addition to the camera bought from us. Stand alone license up to 3 cameras. Genika Astro can be installed on as many PC as needed.

Genika Trigger license is linked to the PC, the number of cameras is not limited.

Reference	Description	Price EU	Price non EU
<b>Genika Astro standard</b>	Fast image acquisition software (>400 MB/s) for astronomy. Supports B/W AVT, Basler, IDS, TIS/Celestron, Pointgrey, ZWO. Color Basler, TIS/Celestron and ZWO. Support and updates included.	85	70
<b>Genika Astro Pro</b>	Fast image acquisition software (>400 MB/s) for astronomy. Supports B/W AVT, Basler, IDS, TIS/Celestron, Pointgrey, ZWO, <b>Raptor photonics, Andor sCMOS</b> . Color Basler, ZWO and TIS/Celestron. Support and updates included.	480	400
<b>Genika Trigger</b>	Fast image acquisition software (>400 MB/s) for science and the lab. On the fly image analysis, conditional acquisition, camera synchronization. Supports AVT, Basler, IDS, Andor Neo/Zyla. Support and updates. Single PC license	480	400

## USB3 cameras

All cameras come with a license of Genika Astro and are made in Europe. All USB3 cameras are powered by the USB port. We can provide all Basler cameras.

3 years warranty on Basler.

Reference	Description	Price EU	Price non EU
<b>Basler 2040</b>	Basler acA2040-90um. Sensor : CMOSIS CMV4000 1", 2048*2048 pixels 5,5µm, 90 fps.	1830	1525
<b>Basler 1920-155</b>	Basler acA1920-155um. Sensor :Sony IMX174 1/1,2", 1920*1200 pixels 5,86µm, 163 fps.	1290	1075
<b>Basler 1920-40</b>	Basler acA1920-40um. Sensor : Sony IMX249 1/1,2", 1920*1200 pixels 5,86µm, 40 fps.	790	660

## HaT solar telescopes

All HaT are delivered without Ha etalon.

Reference	Description	Price EU	Price non EU
<b>HaT 203mm</b>	203mm solar telescope with telecentric amplifier and ERF coating. Comes with wavefront analysis and spectrophotometer report. Better than L/4 in Ha line.	4800	4000
<b>HaT 280mm</b>	280mm solar telescope with telecentric amplifier and ERF coating. Comes with wavefront analysis and spectrophotometer report. Better than L/3.5 in Ha line.	On request	On request
<b>HaT shipping</b>		On request	On request
<b>F/35</b>	F/35 telecentric upgrade	490	413
<b>F/27.5</b>	Full F/27.5 telecentric assembly	654	545
<b>235mm ERF</b>	235mm Dielectric ERF WFE better than L/8, T>90%	2900	2500
<b>Cell</b>	Cell for 235mm on C9.25 (only sold with ERF)	360	300
<b>PST adaptor</b>	PST adaptors (back and front) to mount the PST etalon on the HaT (only sold with HaT)	180	150
<b>Solar Spectrum</b>	Solar Spectrum ultra narrow band filters in 19, 25, 32 or 46mm diameter, from 0.7 to 0.3A	Contact US	

## Night Seeing Monitor

Night seeing monitor. Can control a Davis Instrument Vantage station. Comes with the monitor system, a 10m GigE cable, a GigE PoE power supply and the software for x64 Windows. Requires a Core i3 or more PC.

Reference	Description	Price EU	Price non EU
<b>NSM</b>	NSM complete	2500	2083

## Solar Scintillation Monitor

Solar seeing monitor. Can work alone, with its software or with Genika Astro. Genika Astro license is not included.

Reference	Description	Price EU	Price non EU
<b>SSM Remote</b>	SSM with external probe and 3'' cable	320	270

## Timebox

Timebox GPS time base for Genika. Comes with USB cable, GPS Patch antenna and software.

Reference	Description	Price EU	Price non EU
<b>Timebox std</b>	Standard CMOS level timebox	450	400
<b>Timebox Pro</b>	Pro Timebox with TTL levels	650	600

## Accessories

Must be ordered with a camera. All made in France (exc. PoE injector).

We can make on demand all camera cables (triggers, sync...).

Reference	Description	Price EU	Price non EU
<b>T2</b>	C to T2 adaptor, low profile	30	25
<b>1"1/4</b>	C to 1"1/4	30	25
<b>PoE</b>	PoE injector	55	46
<b>12V</b>	HiFlex Hirose cable to car plug for GigE camera	45	38