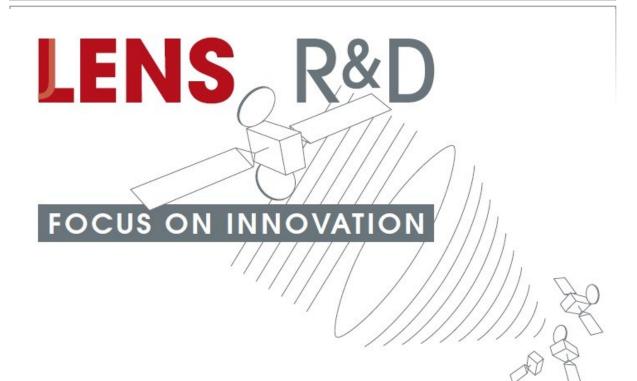


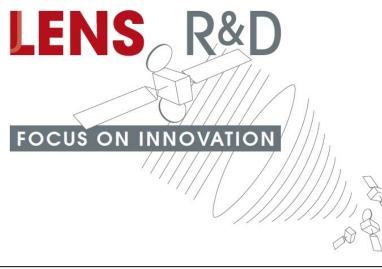
Product and Price Catalogue



's-Gravendijckseweg 41b,2201 CZ Noordwijk,The Netherlands.Tel.+31 71 2020 123Mail: info@lens-rnd.com

www.lens-rnd.com

V1



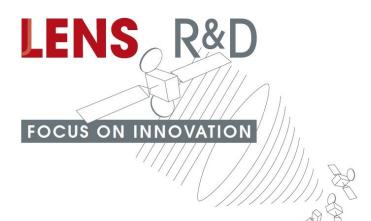
Lens R&D product and price catalogue as per 01-01-2020

Lens R&D develops, qualifies and sells high reliability sunsensors optimised for recurring production.

Batch wise production of space grade hardware, designed to fit the needs of the majority of satellites, allows to offer at an unprecedented price to performance ratio.

OUR TYPES OF SUNSENSORS AND ACCESSORIES

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Sunsensor BiSon64-ET



- True high rell
- Space
- ITAR free
- Sales reference: 700S00301

Quantity	Price per unit in €
1 - 5	8,708.00
6 - 17	8,063.00
18 - 29	7,535.00
30 - 59	7,109.00
≥ 60	6,770.00

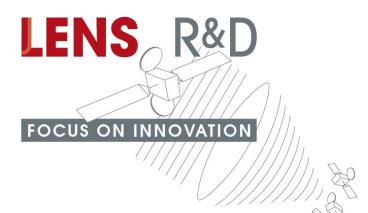
Prices are excluding VAT

Payment conditions: in case of stock: 100% pre-payment ; when not in stock: 60% pre-payment, 40% after notification that the units are ready for shipment

Order handling fee: \notin 150,00 for the opening order; \notin 50,00 for future orders

Delivery: ex works Noordwijk (incl.transport package)

Delivery time: if not in stock: 9 months after receipt order



Sunsensor BiSon64-ET-B



- True high rell
- Integrated baffle
- Space
- ITAR free
- Sales reference: 700S00401
- Incl. transport case 730S01001

Quantity	Price per unit in €
1 - 5	9,968.00
6 - 17	9,230.00
18 - 29	8,626.00
30 - 59	8,138.00
≥60	7,750.00

Prices are excluding VAT

Payment conditions: in case of stock: 100% pre-payment ; when not in stock: 60% pre-payment, 40% after notification that the units are ready for shipment

Order handling fee: € 150,00 for the opening order; € 50,00 for future orders

Delivery: ex works Noordwijk (incl.transport package)

Delivery time: if not in stock: 9 months after receipt order



Sunsensor BiSon64-ET Engineering model



• Sales reference: 700S90301

Quantity	Price per unit in €
1 - 4	4,774.00

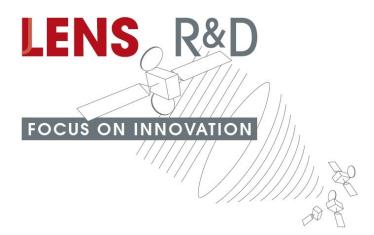
- These models are fully functional and calibrated.
- Next to this some small visual defects can be present.
- The units are guaranteed to be accurate. Units may not meet the non-calibrated accuracy specifications.
- Until we run out of these units they are for sale on a first come first serve basis.
- Per customer you can order a maximum of 4 units.

Prices are excluding VAT

Payment conditions: delivery from stock: 100% pre-payment after notification that the units are ready for shipment Order handling fee: € 150,00 for the opening order; € 50,00 for future orders

Delivery: ex works Noordwijk (incl.transport package)

Delivery time: see above.



Sunsensor MAUS



- Fine sunsensor for nanosatellite applications
- Space
- ITAR free
- Sales reference: 700S00901

Quantity	Price per unit in €
1 - 5	3,863.00
6 - 17	3,004.00
18 - 29	2,890.00
≥ 30	2,867.00
Set of 3 reverse mounting studs	
1 - 5	134.00
<17; <29; ≥30	48.00; 37.00; 34.00

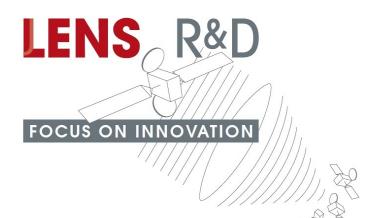
Prices are excluding VAT

Payment conditions: delivery from stock: 100% pre-payment after notification that the units are ready for shipment

Order handling fee : € 150,00 for the opening order; € 50,00 for future orders

Delivery: ex works Noordwijk (incl.transport package)

Delivery time: if not in stock: 4-5 months after receipt order



Single Sampler

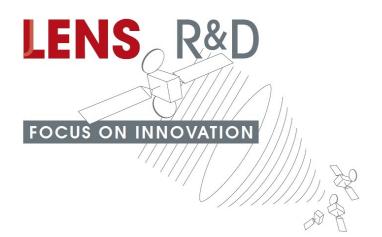


- Variable transimpedance universal analogue Sunsensor interface box with USB output
- Including one transimpedance (to be specified at time or order available transimpedances) power cord and python software interface
- 14 bit 250 kHz 4 chanel simultaneous sampling (including thermistor monitoring circuit)
- Optimised for digital readout of BiSon Sunsensors
- Programmable averaging per output sample ; Variable output sample rate

Prices are excluding VAT

Payment conditions: delivery from stock: 100% pre-payment after notification that the units are ready for shipment Order handling fee: € 150,00 for the opening order; € 50,00 for future orders Delivery: ex works Noordwijk (incl.transport package)

Delivery time: to be discussed



Transimpedance programming circuit for sampler



Available transimpedances: See below

Quantity	Price per unit in €
1	265.00

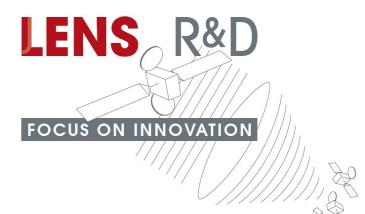
- 1kΩ
 20kΩ
- 2kΩ
 50kΩ
- 5kΩ
 100kΩ
- 10kΩ

Required transimpedance for BiSon Sunsensor and 1 AM(0) illumination is 2ka

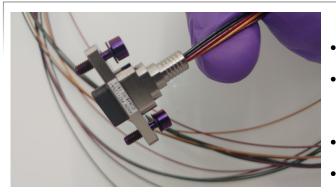
Prices are excluding VAT

Payment conditions: delivery from stock: 100% pre-payment after notification that the units are ready for shipment Order handling fee: € 150,00 for the opening order; € 50,00 for future orders Delivery: ex works Noordwijk (incl.transport package)

Delivery time: to be discussed



TiAIV Pigtails



- Dedicated titanium shell pigtail
- 1.5 m colour code wiring ESCC 3901 019 03
- Inclusive mounting material
- Sales reference: 730S00701

Quantity	Price per unit in €
1 - 5	999.00
6 - 17	913.00
18 - 29	902.00
≥ 30	900.00

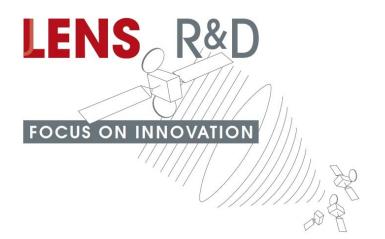
Prices are excluding VAT

Payment conditions: delivery from stock: 100% pre-payment after notification that the units are ready for shipment

Order handling fee: \notin 150,00 for the opening order; \notin 50,00 for future orders

Delivery: ex works Noordwijk (incl.transport package)

Delivery time: if not in stock: 4-5 months after receipt order



Sunsensor TiAIV Mounting Material



- Associate hardware attachment
- A set of 3 fasteners and washers
- Sales reference: 730S00201

Quantity in sets	Price per set in €
≥ 1	128,00

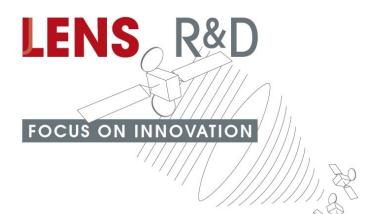
Prices are excluding VAT

Payment conditions: delivery from stock: 100% pre-payment after notification that the units are ready for shipment

Order handling fee: € 150,00 for the opening order; € 50,00 for future orders

Delivery: ex works Noordwijk (incl.transport package)

Delivery time: if not in stock: 4-5 months after receipt order



Transport case



- Protection cover to allow for safe transportation
- Remove before launch dust cap
- Sales reference: 730S01001

Quantity	Price per unit in €
1 - 5	159.00
1 set	133.00
3 sets	129.00
5 sets	129.00

Prices are excluding VAT

Payment conditions: delivery from stock: 100% pre-payment after notification that the units are ready for shipment

Order handling fee : \notin 150,00 for the opening order; \notin 50,00 for future orders

Delivery: ex works Noordwijk (incl.transport package)

Delivery time: if not in stock: 2 months after receipt order



Development pigtails



- Dedicated aluminium shell pigtail
- 1.5 m colour coded teflon wires
- Sales reference: 730S00601

Quantity	Price per unit in €
1 - 4	272.00
5 - 9	255.00
≥ 10	238.00

Prices are including transport package ; excluding VAT

Payment conditions: 100% prepayment after notification that the units are ready for shipment;

Order handling fee: € 150,00 for the opening order; € 50,00 for future orders

Delivery: ex works Noordwijk (incl.transport package)

Delivery time: until end of stock