

## Price list Kanardia 2020 – 1

Valid from February 2020 until new price list is issued. Prices are subject to change without prior notice.  
All prices are set in Euro (€) and do not include VAT. Residents of European Union are subject to VAT.

### ROUND INDICATORS – INDU

Part number	Description	Price €
Round instruments standard size and fit: 57 mm (2.25") or 80 mm (3.15")		
<b>I-ALT-MA</b>	Round <b>standalone</b> (master) altimeter with internal pressure sensors. Two needles + colour LCD display. -57 Panel hole diameter 57 mm (2.25") - standard aviation size. -80 Panel hole diameter 80 mm (3.15") - standard aviation size. -FT Scale in feet. -M Scale in meters.	390
	-BU Integrated backup battery option. The backup can also handle and additional indicator – typically airspeed indicator.	100
<b>Note: 57 mm version has only one needle.</b>		
<b>I-ALT-SL</b>	Round slave altimeter. Requires some PFD (Nesis, Emsis, Aetos or Horis) to be present on the CAN bus. -57 Panel hole diameter 57 mm (2.25") - standard aviation size. -80 Panel hole diameter 80 mm (3.15") - standard aviation size. -FT Scale in feet. -M Scale in meters.	270
<b>I-VARIO-MA</b>	Round <b>standalone</b> variometer (vertical speed indicator) with integrated pressure sensors. -57 Panel hole diameter 57 mm (2.25") - standard aviation size. -80 Panel hole diameter 80 mm (3.15") - standard aviation size.	390
<b>I-VARIO-SL</b>	Round slave variometer (vertical speed indicator). Requires master altimeter or some PFD (Nesis, Emsis, Aetos or Horis) to be present on the CAN bus. -57 Panel hole diameter 57 mm (2.25") - standard aviation size. -80 Panel hole diameter 80 mm (3.15") - standard aviation size.	270
<b>I-IAS-MA</b>	Round <b>standalone</b> (master) airspeed indicator with internal pressure sensors. [standard 320 km/h max]. -57 Panel hole diameter 57 mm (2.25") - standard aviation size. -80 Panel hole diameter 80 mm (3.15") - standard aviation size.	390
	Outside air temperature digital sensor. When static pressure -OAT (altitude) is present on the CAN bus, OAT sensor enables TAS as well. You need to specify arc colors at the time of order.	40
<b>I-IAS-SL</b>	Round slave airspeed indicator. Requires some PFD (Nesis, Emsis, Aetos or Horis) to be present on the bus. -57 Panel hole diameter 57 mm (2.25") - standard aviation size. -80 Panel hole diameter 80 mm (3.15") - standard aviation size. You need to specify arc colors at the time of order.	270

## ROUND INDICATORS – INDU

Part number	Description	Price €
Round instruments standard size and fit: 57 mm (2.25") or 80 mm (3.15")		
<b>I-COMBO-MA</b>	Combined instrument: IAS, altitude, vertical speed indicator. -57 Panel hole diameter 57 mm (2.25") - standard aviation size. -80 Panel hole diameter 80 mm (3.15") - standard aviation size. You need to specify arc colors at the time of order.	490
<b>I-COMBO-SL</b>	Round slave Combo indicator. Requires some PFD (Nesis, Emsis, Aetos or Horis) to be present on the bus. -57 Panel hole diameter 57 mm (2.25") - standard aviation size. -80 Panel hole diameter 80 mm (3.15") - standard aviation size. You need to specify arc colors at the time of order.	270
<b>I-GMT-MA</b>	Round <b>standalone</b> G meter indicator. -57 Panel hole diameter 57 mm (2.25") - standard aviation size. -80 Panel hole diameter 80 mm (3.15") - standard aviation size.	390
<b>I-GMT-SL</b>	Round <b>slave</b> G meter indicator. Requires some PFD (Nesis, Emsis, Aetos or Horis) to be present on the bus. -57 Panel hole diameter 57 mm (2.25") - standard aviation size. -80 Panel hole diameter 57 mm (2.25") - standard aviation size.	270
<b>I-RPM-MA</b>	Round <b>standalone</b> RPM indicator. -57 Panel hole diameter 57 mm (2.25") - standard aviation size. -80 Panel hole diameter 80 mm (3.15") - standard aviation size.	290
<b>I-RPM-SL</b>	Round <b>slave</b> RPM indicator. Requires DAQU to be present on the CAN bus. -57 Panel hole diameter 57 mm (2.25") - standard aviation size. -80 Panel hole diameter 80 mm (3.15") - standard aviation size.	270

## HORIS & DIGI

Part number	Description	Price €
AD-AHRS for standard 57 mm (2.25") cutout.		
<b>HO-57</b>	HORIS – standalone unit with integrated sensors, 57 mm (2.25") panel hole diameter. -MAG Electronic magnetic compass.	990 450
<b>HO-80</b>	HORIS – standalone unit with integrated sensors, 80 mm (3.15") panel hole diameter. -MAG Electronic magnetic compass.	990 450
<b>HO-SL-57</b>	Horis – slave unit, 57 mm	590
<b>HO-SL-80</b>	Horis – slave unit, 80 mm	590
Affordable display and EMS		
<b>DIGI</b>	Engine monitoring display (as a slave display)	500
<b>DIGI-K</b>	Digi kit, engine monitoring display, DAQU (EMS) box	930

## UPS

Part number	Description	Price €
External backup battery kit		
<b>UPSL</b>	External backup Li-ION battery with integrated electronics + double pole switch. Max current 350 mA. Suitable for Indu, Emsis, Digi, Horis.	200

## EMSIS

Part number	Description	Price €
<b>Emsis Kits</b> <i>Engine sensors are not included in this kit.</i>		
<b>E-EMS-K</b>	Emsis EMS Kit Emsis, engine monitoring unit (DAQU), cables.	990
	-80 Panel hole diameter 80 mm (3.15") - standard aviation size. -35 Nonstandard size with 3.5" display (larger than 80 mm version).	80
<b>E-PFD-K</b>	Emsis PFD (AHRS, IAS, vario, GPS, cables, OAT) 80 mm: Emsis with integrated PFD sensors, cables	1090
	-80 Panel hole diameter 80 mm (3.15") - standard aviation size. -35 Nonstandard size with 3.5" display (larger than 80 mm version).	80
	-MAG Electronic magnetic compass.	450
<b>E-PFDEMS-K</b>	Emsis PFD+EMS Kit Emsis with integrated PFD sensors (AHRS, IAS, vario, GPS, cables, OAT), engine monitoring unit (DAQU), cables.	1540
	-80 Panel hole diameter 80 mm (3.15") - standard aviation size. -35 Nonstandard size with 3.5" display (larger than 80 mm version).	80
	-MAG Electronic magnetic compass.	450
<b>E-DK</b>	Emsis Dual PFD-EMS Kit: Emsis PDF (integrated PFD sensors), second Emsis EMS display, engine monitoring unit (DAQU).	2080
	-80 Panel hole diameter 80 mm (3.15") - standard aviation size. -35 Nonstandard size with 3.5" display (larger than 80 mm version).	160
	-MAG Electronic magnetic compass.	450
<b>E-SL</b>	Emsis <b>slave</b> unit. It requires Nesis or Emsis PFD or Daqu to be present on the bus (depending on the unit purpose.)	690
	-80 Panel hole diameter 80 mm (3.15") - standard aviation size. -35 Nonstandard size with 3.5" display (larger than 80 mm version).	80
* All options shown above can be combined with DIGI or one or more slave round indicators.		

## NESIS

Part number	Description	Price €
<b>Nesis Basic Kit</b> <i>Engine sensors are not included in this kit.</i>		
<b>N-BK-84</b>	Nesis Basic Kit – Nesis III A20 version, screen size 8.4" with touch. Nesis device with integrated AHRS and GPS unit (AIRU), engine monitoring unit (DAQU), GPS antenna, OAT probe, cables, accessories and integrated video-in.	3990
	-SER2 Two servos for the two axis autopilot function.	980
	-AMIGO Autopilot panel for direct access to Autopilot functions.	690
	-MAG Electronic magnetic compass.	450
	-AIR TRAFFIC ADSB + FLARM traffic warning device – from Garrecht.	2000
	-PWRP ADSB + FLARM traffic warning device – from Flarm.	1500
<b>Nesis Dual Kit</b> <i>Engine sensors are not included in this kit.</i>		
<b>N-DK-84-84</b>	Nesis III A20 8.4"-8.4" Dual Kit: Nesis III A20 8.4" Basic Kit + slave Nesis III A20 8.4" unit with touch and cables.	6080
	-SER2 Two servos for the two axis autopilot function.	980
	-AMIGO Autopilot panel for direct access to Autopilot functions.	690
	-MAG Electronic magnetic compass.	450
	-AIR TRAFFIC ADSB + FLARM traffic warning device – from Garrecht.	2000
	-PWRP ADSB + FLARM traffic warning device – from Flarm.	1500

## NESIS

Part number	Description	Price €
<b>Nesis Basic Kit</b> <i>Engine sensors are not included in this kit.</i>		
<b>N-BK-7</b>	Nesis Basic Kit – Nesis III A20 version, screen size 7" with touch. Nesis device with integrated AHRS and GPS unit (AIRU), engine monitoring unit (DAQU), GPS antenna, OAT probe, cables, accessories and integrated video-in.	3690
	-SER2 Two servos for the two axis autopilot function.	980
	-AMIGO Autopilot panel for direct access to Autopilot functions.	690
	-MAG Electronic magnetic compass.	450
	-AIR TRAFFIC ADSB + FLARM traffic warning device – from Garrecht.	2000
	-PWRF ADSB + FLARM traffic warning device – from Flarm.	1500
<b>Nesis Dual Kit</b> <i>Engine sensors are not included in this kit.</i>		
<b>N-DK-7-7</b>	Nesis III A20 7"-7" Dual Kit: Nesis III A20 7" Basic Kit + slave Nesis III A20 7" unit with touch and cables.	5540
	-SER2 Two servos for the two axis autopilot function.	980
	-AMIGO Autopilot panel for direct access to Autopilot functions.	690
	-MAG Electronic magnetic compass.	450
	-AIR TRAFFIC ADSB + FLARM traffic warning device – from Garrecht.	2000
	-PWRF ADSB + FLARM traffic warning device – from Flarm.	1500

\* All options shown above can be combined with DIGI or one or more slave round indicators.

## AETOS

Part number	Description	Price €
<b>Aetos basic kit</b> <i>Engine sensors are not included in this kit.</i>		
<b>AE-BK-70</b>	Aetos Basic Kit – screen size 7.0" Aetos device comes with integrated AHRS and GPS unit (AIRU), engine monitoring unit (DAQU), OAT probe, GPS antenna, cables, accessories.	2590
	-SER2 Two servos for the two axis autopilot function.	980
	-AMIGO Autopilot panel for direct access to Autopilot functions.	690
	-MAG Electronic magnetic compass.	450
<b>AE-PFD-70</b>	Aetos as primary flight display (PFD) only – screen size 7.0" Aetos comes with integrated AHRS and GPS unit, GPS antenna, OAT probe, cables, accessories.	2190
<b>AE-SL-70</b>	Aetos as slave display unit – screen size 7.0"	1390

## JOYU & BLU

Part number	Description	Price €
<b>Control grip and controller box</b>		
<b>JOYU-K</b>	JOYU kit includes control handle (Joyu) and controller box (Boxi)	450
<b>BOXI</b>	BOXI controller for pitch and roll electrical trims, radio transmission.	150
<b>JOYU</b>	JOYU handle (connects to controller box)	300

## JOYU & BLU

Part number	Description	Price €
<b>BLU CAN bus to bluetooth interface</b>		
<b>BLU</b>	CAN bus to bluetooth interface. Essential tool for Horis, Digi and Indu instruments. Allows software updates and some configuration. Requires Android device with Android version 4.4 or above.	75

## CHARTS & CABLES

Part number	Description	Price €
<b>Raster charts</b>		
C-DFS-D	ICAO Germany	89
C-DFS-NL	Visual 500 Holland	49
C-DFS-DK	Visual 500 Denmark	49
C-DFS-CH	Visual 500 Swiss	49
C-DFS-A	Visual 500 Austria	49
C-DFS-F (NE)	Visual 500 France, North East part only	49
C-DFS-B	Visual 500 Belgium	49
C-DFS-P	Visual 500 Poland NW + W	49
C-DFS-CZ	Visual 500 Czech republic	49
C-DFS-CR	Visual 500 Croatia	49
C-DFS-HU	Visual 500 Hungary	49
C-DFS-SP	Visual 500 Spain	49
C-DFS-PT	Visual 500 Portugal	49
C-DFS-IT	Visual 500 Italy	49
C-DFS-All	Complete set of all DFS raster charts	239
C-USR-DIG	User provided digital map source. Geo-referencing and converting.	20
C-USR-PAP	User provided paper map source. Scanning, geo-referencing and converting.	40
<b>Cables</b>		
C-RB	CAN cable RJ45 connector on one side, Binder (round 5 pole) on the other.	20
C-CUS	Double, triple and multiple T CAN cables – custom length. Provide two or more connections for CAN units. Price per connector.	15 per Con.
C-T	T junction – three RJ45 connections.	25
<b>Other Cables</b>		
C-AUD	Audio cable.	5
C-GPS	GPS antenna + standard length cable.	20
C-SUP	Power supply cable.	5

## SENSOR KITS & SENSORS

Part number	Description	Price €
<b>Sensor Kits</b>		
SK-RTX	Rotax 912/914 Sensor Kit: 4 x EGT (thermocouple, K-type, screw type M8x1), active fuel pressure (S-HW-10B) + fittings for ¼" fuel line, Current transducer 30 A.	395
<b>CHT probes</b>		
S-CR12	Thermocouple (type J), 12mm ring – (Jabiru).	50
S-CBLY	Thermocouple adjustable bayonet (type J), bushing 3/8"-24, tip 2 1/2" x 3/16" – (Lycoming).	70
<b>EGT probes</b>		
S-ESRTX	Thermocouple (type K), M8x1 screw type – (Rotax).	50
S-EGT-HC-20	Thermocouple (type K), hose clamp ¾ - 1 ¼" – (Rotax).	50
S-EGT-HC-25	Thermocouple (type K), hose clamp ¼ - 1 ¼" – (Jabiru).	50
S-EGT-HC-40	Thermocouple (type K), hose clamp ½ – 2" – (Lycoming).	50
<b>Oil, water temperature</b>		
S-TVDO	Oil or water temperature probe VDO (0 to 150 °C / 0 to 300°F), 1/8-27 NPT – (Rotax, Jabiru).	50
S-OWLYC	Oil temperature (100-150 °F), 5/8-18 UNF – (Lycoming).	50
<b>Other temperature sensors</b>		
S-OAT	Outside air temperature digital sensor.	40
S-399W	Carburetor temperature sensor 399W, (thread ¼ x 28", tip 1/4").	70
<b>Oil pressure</b>		
S-HW-10B	Active pressure sensor ( 0 to 10 bar), 1/8-27 NPT – (all engines).	110
<b>Fuel pressure</b>		
S-FP-PSI	Active pressure sensor ( 0 to 15 psi), 1/8-27 NPT – (all engines).	110
S-HW-10B	Active pressure sensor ( 0 to 10 bar), 1/8-27 NPT – (all engines).	110
S-FFIT8	Fuel pressure sensor fitting – 8 mm hose.	25
S-FFIT6	Fuel pressure sensor fitting – 6 mm hose.	25
<b>Rotor sensors</b>		
S-ROTOR	Rotor RPM – proximity sensor, 12-24V.	50
<b>Fuel flow sensors</b>		
S-FT60	Fuel flow transducer (red cube)	230
<b>Current transducer sensors</b>		
S-CT30	For currents up to -/+30 A.	60
S-CT60	For currents up to -/+60 A.	60

## SERVICES

Part number	Description	Price €
<b>Various services</b>		
REP	Various instrument repairs – working hour	80
LAYOUT	Simple layout programming – working hour	100
PROG	Programming custom features – working hour	120
DROP	Drop shipping (applies only to our representatives).	40
MISC	Miscellaneous services – working hour	80