

Price list Kanardia 2018 – 1

Valid from April 2018 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.
 Prices in \$US are informative only.

Ex. rate
1.25

ROUND INDICATORS – INDU

Part number	Description	Price €	Price \$
Round instruments standard size and fit: 57 mm (2.25") or 80 mm (3.15")			
I-ALT-MA	Round standalone (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	488
	-BU Integrated backup battery option. The backup can also handle and additional indicator – typically airspeed indicator.	100	125
Note: 57 mm version has only one needle.			
I-ALT-SL	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.	240	300
I-VARIO-MA	Round standalone variometer (vertical speed indicator) with integrated pressure sensors. -80 Panel hole diameter 80 mm (3.15") - standard aviation size. -M Scale in meters per second [-10, 10]. -FT Scale in feet per minute [-2000, 2000]. -KTS Scale in knots [-20, 20]. Note: Other ranges are possible on request. E.g. +/- 4000 feet/min.	390	488
I-VARIO-SL	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. -M Scale in meters per second [-10, 10]. -FT Scale in feet per minute [-2000, 2000]. -KTS Scale in knots [-20, 20].	240	300
I-IAS-MA	Round standalone (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. -KMH Scale in kilometers per hour [0-280]. -KTS Scale in knots [0-140]. -MPH Scale in miles per hour [0-150]. -OAT Outside air temperature digital sensor.**	390	488
	-HIGH High speed sensor option. [up to 460 km/h, 250 kts, 285 mph].	40	50
		20	25
Important: You need to specify arc colors at the time of order.			
I-IAS-SL	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. -KMH Scale in kilometers per hour [0-280]. -KTS Scale in knots [0-140]. -MPH Scale in miles per hour [0-150].	240	300

* UPS option is also possible for all round instruments.

** When static pressure (altitude) is present on the CAN bus, OAT sensor enables TAS as well.

INDU – continued

Part number	Description	Price €	Price \$
Round instruments standard size and fit: 57 mm (2.25") or 80 mm (3.15")			
I-RPM-MA	Round standalone RPM indicator. -KMH Scale in kilometers per hour [0-280]. -KTS Scale in knots [0-140]. -RTX Rotax scale [7000] and markings (yellow, green, red). -JAB Jabiru scale [3500]. You need to specify markings. -LYC Lycoming scale [3000]. You need to specify markings. -D D-motor scale [3100]. You need to specify markings. -CUS Custom made scale	270 1200	338 1500
I-RPM-SL	Round slave 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. -RTX Rotax scale [7000] and markings (yellow, green, red). -JAB Jabiru scale [3500]. You need to specify markings. -LYC Lycoming scale [3000]. You need to specify markings. -D D-motor scale [3100]. You need to specify markings. -CUS Scale in miles per hour [0-150].	240 20	300 25
I-COMBO	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.	490	613

HORIS & DIGI

Part number	Description	Price €	Price \$
AD-AHRS for standard 57 mm (2.25") cutout.			
HO-57	HORIS – standalone unit with integrated sensors, 57 mm (2.25") panel hole diameter. -MAG Electronic magnetic compass. -IAS Please see I-IAS-SL for options and prices. -ALT Please see I-ALT-SL for options and prices. -VARIO Please see I-VARIO-SL for options and prices.	890 450 1670	1113 563 2088
HO-80	HORIS – standalone unit with integrated sensors, 80 mm (3.15") panel hole diameter. -MAG Electronic magnetic compass. -IAS Please see I-IAS-SL for options and prices. -ALT Please see I-ALT-SL for options and prices. -VARIO Please see I-VARIO-SL for options and prices.	990 450 1670	1238 563 2088
HO-SL-57	Horis – slave unit, 57 mm	690	863
HO-SL-80	Horis – slave unit, 80 mm	690	863
Affordable display and EMS			
DIGI	Engine monitoring display (as a slave display)	500	625
DIGI-K	Digi kit, engine monitoring display, DAQU (EMS) box	850	1063

UPS

Part number	Description	Price €	Price \$
External backup battery kit			
UPSU	External backup lead 1.2 Ah battery + electronics + double pole switch. Max current 2 A. Suitable for Nesis.	110	138
UPSL	External backup Li-ION battery with integrated electronics + double pole switch. Max current 350 mA. Suitable for Indu, Emsis, Digi, Horis.	200	250

EM SIS

Part number	Description	Price €	Price \$
Emsis Kits <i>Engine sensors are not included in this kit.</i>			
E-EMS-K	Emsis EMS Kit Emsis, engine monitoring unit (DAQU), cables. -80 Panel hole diameter 80 mm (3.15") - standard aviation size. -35 Nonstandard size with 3.5" display (larger than 80 mm version).	990	1238
		80	100
E-PFD-K	Emsis PFD (AHRS, IAS, vario, GPS, cables, OAT) 80 mm: Emsis with integrated PFD sensors, cables -80 Panel hole diameter 80 mm (3.15") - standard aviation size. -35 Nonstandard size with 3.5" display (larger than 80 mm version).	1090	1363
		80	100
	-CHART Emsis raster chart activation option (once forever).	150	188
	-MAG Electronic magnetic compass.	450	563
	-AMIGO-SER2 Autopilot panel for direct access to Autopilot functions. Two servos are required to provide two axis autopilot function.**	1670	2088
E-PFDEMS-K	Emsis PFD+EMS Kit Emsis with integrated PFD sensors (AHRS, IAS, vario, GPS, cables, OAT), engine monitoring unit (DAQU), cables. -80 Panel hole diameter 80 mm (3.15") - standard aviation size. -35 Nonstandard size with 3.5" display (larger than 80 mm version).	1540	1925
		80	100
	-CHART Emsis raster chart activation option (once forever).	150	188
	-MAG Electronic magnetic compass.	450	563
	-AMIGO-SER2 Autopilot panel for direct access to Autopilot functions. Two servos are required to provide two axis autopilot function.**	1670	2088
E-DK	Emsis Dual PFD-EMS Kit: Emsis PDF (integrated PFD sensors), second Emsis EMS display, engine monitoring unit (DAQU). -80 Panel hole diameter 80 mm (3.15") - standard aviation size. -35 Nonstandard size with 3.5" display (larger than 80 mm version).	2080	2600
		160	200
	-CHART Emsis raster chart activation option (once forever).	150	188
	-MAG Electronic magnetic compass.	450	563
	-AMIGO-SER2 Autopilot panel for direct access to Autopilot functions. Two servos are required to provide two axis autopilot function.**	1670	2088
E-SL	Emsis slave unit. It requires Nesis or Emsis PFD or Daqu to be present on the bus (depending on the unit purpose.) -80 Panel hole diameter 80 mm (3.15") - standard aviation size. -35 Nonstandard size with 3.5" display (larger than 80 mm version).	690	863
		80	100

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

** Available in Autumn 2018

NESIS

Part number	Description	Price €	Price \$
Nesis Basic Kits <i>Engine sensors are not included in this kit.</i>			
N-BK-84	Nesis Basic Kit – Nesis III 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 CO sensor.	3790	4738
	-SER2 Two servos for the two axis autopilot function.	980	1225
	-AMIGO Autopilot panel for direct access to Autopilot functions.	690	863
	-MAG Electronic magnetic compass.	450	563
	-VIDEO Video in (any camera with composite video output).	200	250
	-TRX15 ADSB + FLARM traffic warning device – from Garrecht.	1200	1500
	-PWRP ADSB + FLARM traffic warning device – from Flarm.	1500	1875
Nesis Dual Kits <i>Engine sensors are not included in this kit.</i>			
N-DK-84-84	Nesis III 8.4"-8.4" Dual Kit: Nesis II 8.4" Basic Kit + slave Nesis III 8.4" unit with touch and cables.	5840	7300
	-SER2 Two servos for the two axis autopilot function.	980	1225
	-AMIGO Autopilot panel for direct access to Autopilot functions.	690	863
	-MAG Electronic magnetic compass.	450	563
-VIDEO-MA	Video in for master display (any camera with composite video output).	200	250
-VIDEO-SL	Video in for slave display (any camera with composite video output).	200	250
	-TRX15 ADSB + FLARM traffic warning device – from Garrecht.	1200	1500
	-PWRP ADSB + FLARM traffic warning device – from Flarm.	1500	1875

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

AETOS

Part number	Description	Price €	Price \$
Aetos basic kit <i>Engine sensors are not included in this kit.</i>			
AE-BK-70	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	3238
	-SER2 Two servos for the two axis autopilot function.	980	1225
	-AMIGO Autopilot panel for direct access to Autopilot functions.	690	863
	-MAG Electronic magnetic compass.	450	563
AE-PFD-70	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.	2140	2675
AE-SL-70	Aetos as slave display unit – screen size 7.0"	1390	1738

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

JOYU & BLU

Part number	Description	Price €	Price \$
Control grip and controller box			
JOYU-K	JOYU kit: control handle and controller box	450	563
BOXI	BOXI controller for pitch and roll electrical trims, radio transmission.	150	188
JOYU	JOYU handle (connects to controller box)	300	375
BLU	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.	120	150

CHARTS & CABLES

Part number	Description	Price €	Price \$
Raster charts			
C-DFS-D	ICAO Germany	89	111
C-DFS-NL	Visual 500 Holland	49	61
C-DFS-DK	Visual 500 Denmark	49	61
C-DFS-CH	Visual 500 Swiss	49	61
C-DFS-A	Visual 500 Austria	49	61
C-DFS-F (NE)	Visual 500 France, North East part only	49	61
C-DFS-B	Visual 500 Belgium	49	61
C-DFS-P	Visual 500 Poland NW + W	49	61
C-DFS-CZ	Visual 500 Czech republic	49	61
C-DFS-CR	Visual 500 Croatia	49	61
C-DFS-HU	Visual 500 Hungary	49	61
C-DFS-SP	Visual 500 Spain	49	61
C-DFS-PT	Visual 500 Portugal	49	61
C-DFS-All	Complete set of all DFS raster charts	239	299
C-USR-DIG	User provided digital map source. Geo-referencing and converting.	20	25
C-USR-PAP	User provided paper map source. Scanning, geo-referencing and converting.	40	50
Cables			
C-RR	CAN cable RJ45 connector on both sides.	5	6
C-RB	CAN cable RJ45 connector on one side, Binder (round 5 pole) on the other.	20	25
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.	20 per Con.
C-T	T junction – three RJ45 connections.	25	31
Other Cables			
C-AUD	Audio cable.	5	6
C-GPS	GPS antenna + standard length cable.	20	25
C-SUP	Power supply cable.	5	6

SENSOR KITS & SENSORS

Part number	Description	Price €	Price \$
Sensor Kits			
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	494
CHT probes			
S-CR12	Thermocouple (type J), 12mm ring – (Jabiru).	50	63
S-CBLY	Thermocouple adjustable bayonet (type J), bushing 3/8"-24, tip 2 1/2" x 3/16" – (Lycoming).	70	88
EGT probes			
S-ESRTX	Thermocouple (type K), M8x1 screw type – (Rotax).	50	63
S-EHJAB	Thermocouple (type K), hose clamp ¾ - 1 ¾" – (Jabiru).	50	63
S-EHRTX	Thermocouple (type K), hose clamp ¼ - 1 ¼" – (Rotax).	50	63
S-EHLYC	Thermocouple (type K), hose clamp ½ – 2" – (Lycoming).	50	63
Oil, water temperature			
S-TVDO	Oil or water temperature probe VDO (0 to 150 °C / 0 to 300°F), 1/8- 27 NPT – (Rotax, Jabiru).	50	63
S-OWLYC	Oil temperature (100-150 °F), 5/8-18 UNF – (Lycoming).	50	63
Other temperature sensors			
S-OAT	Outside air temperature digital sensor.	40	50
S-399W	Carburetor temperature sensor 399W, (thread ¼ x 28", tip 1/4").	70	88
Oil pressure			
S-HW-10B	Active pressure sensor (0 to 10 bar), 1/8-27 NPT – (all engines).	110	138
Fuel pressure			
S-HW-10B	Active pressure sensor (0 to 10 bar), 1/8-27 NPT – (all engines).	110	138
S-FFIT8	Fuel pressure sensor fitting – 8 mm hose (R914).	25	31
S-FFIT6	Fuel pressure sensor fitting – 6 mm hose (R912).	25	31
Rotor sensors			
S-ROTOR	Rotor RPM – proximity sensor, 12-24V.	50	63
Fuel flow sensors			
S-FFFS	FloScan 201A-6 (0 to 113 liters/hour / 0 to 30 GPH).	230	288
Current transducer sensors			
S-CT30	For currents up to -/+30 A.	60	75
S-CT60	For currents up to -/+60 A.	60	75

SERVICES

Part number	Description	Price €	Price \$
Various services			
REP	Various instrument repairs – working hour	80	100
LAYOUT	Simple layout programming – working hour	100	125
PROG	Programming custom features – working hour	120	150
DROP	Drop shipping (applies only to our representatives).	40	50
MISC	Miscellaneous services – working hour	80	100