

Price list Kanardia 2017 – 2

Valid from April 2017 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.

Ex. rate
1.05

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. 80 mm size only. 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. Note: 57 mm version has only one needle on the scale.	350	368
I-ALT-SL	Round slave altimeter. Requires EMSIS PFD or NESIS or some other master 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.	200	210
I-VARIO-SL	Round slave variometer (vertical speed indicator). Requires I-ALT or EMSIS PFD or NESIS 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].	200	210
I-IAS-MA-80	Round standalone (master) airspeed indicator with internal pressure sensors. 80 mm size only. [standard 320 km/h max]. <i>Important:</i> You need to specify arc colors at the time of order. -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]. -CUS Custom made scale in any units and any feasible range. -OAT Outside air temperature digital sensor.** -HIGH High speed sensor option. [up to 460 km/h, 250 kts, 285 mph].	350	368
I-IAS-SL	Round slave airspeed indicator. Requires I-ALT-IAS or EMSIS PFD or NESIS 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]. -CUS Custom made scale in any units and any feasible range.	200	210
I-RPM-MA	Round standalone RPM indicator. 57 mm only. -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 Custom made scale in any units and any feasible range. -TACHO Measures and displays engine time as well.	230	242
		20	21
		20	21

* UPS option is also possible for all round instruments.

** When static pressure (altitude) is present on the CAN bus, OAT sensor enables TAS (true air speed) 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-SL	Round slave RPM indicator. Requires DAQU to be present on the CAN bus.	200	210
	-57 Panel hole diameter 57 mm (2.25") - standard aviation size.		
	-80 Panel hole diameter 80 mm (3.15") - standard aviation size.	10	11
	-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 in any units and any feasible range.	20	21
I-COMBO	Combined instrument: IAS, altitude, vertical speed indicator.	450	473
	-57 Panel hole diameter 57 mm (2.25") - standard aviation size.		
	-80 Panel hole diameter 80 mm (3.15") - standard aviation size.		

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.	850	893
HO-80	HORIS – standalone unit with integrated sensors, 80 mm (3.15") panel hole diameter.	950	998
	-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.		
-AMIGO-SER2	Autopilot panel for direct access to Autopilot functions. Two servos are required to provide two axis autopilot function.*	1670	1754
Affordable display and EMS			
DIGI	Engine monitoring display	500	525
DIGI-K	Digi kit, engine monitoring display, DAQU (EMS) box	850	893

JOYU

Part number	Description	Price €	Price \$
Control grip and controller box			
JOYU-K	JOYU kit: control grip and controller box	450	473
	-GRIP-SL Slave JOYU grip (connects to controller box)	290	305

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	116
UPSL	External backup Li-ION battery with integrated electronics + double pole switch. Max current 350 mA. Suitable for INDU, EMSIS, DIGI, HORIS.	200	210

* Available in Winter 2017

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	990	1040	
	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).	80	84	
-UPS	UPSU (Uninterrupted power supply unit), external backup lead 1.2 Ah battery + electronics + double pole switch.	110	116	
E-PFD-K	Emsis PFD (AHRS, IAS, vario, GPS, cables, OAT) 80 mm:	1090	1145	
	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).	80	84	
	-CHART Emsis raster chart activation option (once forever).	150	158	
	-MAG Electronic magnetic compass.	450	473	
-AMIGO-SER2	Autopilot panel for direct access to Autopilot functions. Two servos are required to provide two axis autopilot function.**	1670	1754	
-UPS	UPSU (Uninterrupted power supply unit), external backup lead 1.2 Ah battery + electronics + double pole switch.	110	116	
E-PFDEMS-K	Emsis PFD+EMS Kit	1540	1617	
	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).	80	84	
	-CHART Emsis raster chart activation option (once forever).	150	158	
	-MAG Electronic magnetic compass.	450	473	
	-AMIGO-SER2	Autopilot panel for direct access to Autopilot functions. Two servos are required to provide two axis autopilot function.**	1670	1754
-UPS	UPSU (Uninterrupted power supply unit), external backup lead 1.2 Ah battery + electronics + double pole switch.	110	116	
E-DK	Emsis Dual PFD-EMS Kit:	2080	2184	
	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).	160	168	
	-CHART Emsis raster chart activation option (once forever).	150	158	
	-MAG Electronic magnetic compass.	450	473	
	-AMIGO-SER2	Autopilot panel for direct access to Autopilot functions. Two servos are required to provide two axis autopilot function.**	1670	1754
-UPS	UPSU (Uninterrupted power supply unit), external backup lead 1.2 Ah battery + electronics + double pole switch.	110	116	
E-SL	Emsis slave unit. It requires Nesis or Emsis PFD or Daqu to be present on the bus (depending on the unit purpose.)	690	725	
	-80 Panel hole diameter 80 mm (3.15") - standard aviation size.			
	-35 Nonstandard size with 3.5" display (larger than 80 mm version).	80	84	

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

** Available in Winter 2017

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), OAT probe, cables.	3790	3980
	-SER2 Two servos for the two axis autopilot function.	980	1029
	-AMIGO Autopilot panel for direct access to Autopilot functions.	690	725
	-MAG Electronic magnetic compass.	450	473
	-CO CO (Carbon monoxide) detector. Should be ordered with Nesis, since it is its integral part.	200	210
	-VIDEO Video in (any camera with composite video output).	200	210
	-E-SL-80 Emsis slave unit – 80 mm. It typically shows engine parameters.	690	725
	-E-SL-35 Emsis slave unit – 3.5". It typically shows engine parameters.	770	809
	-UPS UPSU (Uninterrupted power supply unit), external backup lead 1.2 Ah battery + electronics + double pole switch.	110	116
	-TRX15 ADSB + FLARM traffic warning device – from Garrecht.	1200	1260
	-PWRP ADSB + FLARM traffic warning device – from Flarm.	1400	1470
	-BD57 Butterfly warning display 57 mm for TRX1500 or PowerFlarm – from Butterfly.	340	357
	-BDEX Butterfly warning display extern, rectangular – from Butterfly.	250	263
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	6132
	-SER2 Two servos for the two axis autopilot function.	980	1029
	-AMIGO Autopilot panel for direct access to Autopilot functions.	690	725
	-MAG Electronic magnetic compass.	450	473
	-CO CO (Carbon monoxide) detector. Should be ordered with Nesis, since it is its integral part.	200	210
	-VIDEO-MA Video in for master display (any camera with composite video output).	200	210
	-VIDEO-SL Video in for slave display (any camera with composite video output).	200	210
	-UPS UPSU (Uninterrupted power supply unit), external backup lead 1.2 Ah battery + electronics + double pole switch.	110	116
	-TRX15 ADSB + FLARM traffic warning device – from Garrecht.	1200	1260
	-PWRP ADSB + FLARM traffic warning device – from Flarm.	1400	1470
	-BD57 Butterfly warning display 57 mm for TRX1500 or PowerFlarm – from Butterfly.	340	357
	-BDEX Butterfly warning display extern, rectangular – from Butterfly.	250	263

* 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 with integrated AHRS and GPS unit (AIRU), engine monitoring unit (DAQU), OAT probe, cables.	2590	2720
	-SER2 Two servos for the two axis autopilot function.	980	1029
	-AMIGO Autopilot panel for direct access to Autopilot functions.	690	725
	-MAG Electronic magnetic compass.	450	473

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

CHARTS & CABLES

Part number	Description	Price €	Price \$
Raster charts			
C-DFS-D	ICAO Germany	89	93
C-DFS-NL	Visual 500 Holland	49	51
C-DFS-DK	Visual 500 Denmark	49	51
C-DFS-CH	Visual 500 Swiss	49	51
C-DFS-A	Visual 500 Austria	49	51
C-DFS-F (NE)	Visual 500 France, North East part only	49	51
C-DFS-B	Visual 500 Belgium	49	51
C-DFS-P	Visual 500 Poland NW + W	49	51
C-DFS-CZ	Visual 500 Czech republic	49	51
C-DFS-CR	Visual 500 Croatia	49	51
C-DFS-HU	Visual 500 Hungary	49	51
C-DFS-SP	Visual 500 Spain	49	51
C-DFS-PT	Visual 500 Portugal	49	51
C-DFS-All	Complete set of all DFS raster charts	239	251
C-USR-DIG	User provided digital map source. Geo-referencing and converting.	20	21
C-USR-PAP	User provided paper map source. Scanning, geo-referencing and converting.	40	42
Cables			
C-RR	CAN cable RJ45 connector on both sides.	5	5
C-RB	CAN cable RJ45 connector on one side, Binder (round 5 pole) on the other.	20	21
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	26
Other Cables			
C-AUD	Audio cable.	5	5
C-GPS	GPS antenna + standard length cable.	20	21
C-SUP	Power supply cable.	5	5

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	415
CHT probes			
S-CR12	Thermocouple (type J), 12mm ring – (Jabiru).	40	42
S-CBLY	Thermocouple adjustable bayonet (type J), bushing 3/8"-24, tip 2 1/2" x 3/16" – (Lycoming).	70	74
EGT probes			
S-ESRTX	Thermocouple (type K), M8x1 screw type – (Rotax).	50	53
S-EHJAB	Thermocouple (type K), hose clamp ¾ - 1 ¼" – (Jabiru).	50	53
S-EHRTX	Thermocouple (type K), hose clamp ¼ - 1 ¼" – (Rotax).	50	53
S-EHLYC	Thermocouple (type K), hose clamp ½ – 2" – (Lycoming).	50	53
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).	25	26
S-OWLYC	Oil temperature (100-150 °F), 5/8-18 UNF – (Lycoming).	50	53
Other temperature sensors			
S-OAT	Outside air temperature digital sensor.	50	53
S-399W	Carburetor temperature sensor 399W, (thread ¼ x 28", tip 1/4").	70	74
Oil pressure			
S-HW-10B	Active pressure sensor (0 to 10 bar), 1/8-27 NPT – (all engines).	110	116
Fuel pressure			
S-HW-10B	Active pressure sensor (0 to 10 bar), 1/8-27 NPT – (all engines).	110	116
S-FFIT8	Fuel pressure sensor fitting – 8 mm hose (R914).	25	26
S-FFIT6	Fuel pressure sensor fitting – 6 mm hose (R912).	25	26
Fuel flow sensors			
S-FFFS	FloScan 201A-6 (0 to 113 liters/hour / 0 to 30 GPH).	230	242
Current transducer sensors			
S-CT30	For currents up to -/+30 A.	60	63
S-CT60	For currents up to -/+60 A.	60	63