



(a) 80 mm

Figure 1: Front and side view with its principal dimensions.

Description	Value
Altitude range	-500 ~ 16000 m, (-1500 ~ 50000 feet)
Sensor calibration	standard: -500 ~ 6000 m extended: -500 ~ 16000 m
Weight	57mm: 180 g 80 mm: 240 g
Size	57 mm: 62 x 62 x 45 (64 with conn.) mm 80 mm: 82 x 82 x 55 (74 with conn.) mm
Operational voltage	6 ~ 32 V
Power consumption	1.44 W
Current	120 mA at 12 V 60 mA at 24 V
Operating temperature	-20 °C to +60 °C
Storage temperature	-30 °C to +85 °C
Humidity	30 % ~ 90 %, non condensing
Panel hole	57 mm: (2.24 inch) diameter, standard fit 80 mm: (3.15 inch) diameter, standard fit
Barometric sensor	24 bit, 10 ~ 1200 hPa, 20 cm resolution
QNH range	590 ~ 1080 hPa, (17.42 ~ 31.89 inHg)
Internal logger storage	more than 50 hours, 1 sec interval
Communication	CAN bus, 29 bit header, 500 kbit, Kanardia protocol

Table 1: Basic technical specifications.

Description	Value
Weight	305 g
Power consumption	3.84 W (when charging)
Current	320 mA at 12 V (when charging) 160 mA at 24 V (when charging)
Operating temperature	-10 °C to +50 °C
Storage temperature	-30 °C to +60 °C
Backup battery	Lithium iron phosphate (3.3 V)
Charging time from 0 to 100 %	2 h 30 min
Backup time	1 h 30 min (altimeter only)
Backup time	40 min (150 mA load on CAN bus)
Max backup power output	150 mA at 12 V (to CAN bus)

Table 2: Technical specifications for altimeter with backup battery.  
For the rest of the specifications see table 1.