

Appendix C: MicroLite Specifications

C.1. General Specifications

	LITE5008 LITE5016	LITE5008P LITE5032P	LITE5032P-RH	LITE5032P- 4/20	LITE5032P-V	LITE5032P-EXT
Specification	Internal Temp	Internal Temp	Internal Temp/RH	4-20 mA	0-10 V	External NTC
Range	Temp: -40 to 80 °C	Temp: -40 to 80 °C	Temp: -40 to 80 °C RH: 5-95 %	4-20 mA	0-10 V	-50 to 150 °C
Accuracy	Temp: 0.3 °C	Temp: 0.3 °C	Temp: 0.3 °C RH: ± 2%	± 380 pA	±0.5 %	-50 to 60 °C ±0.3 °C 60 to 150 °C ±0.5 %
Resolution	0.1 °C (display) 0.06 °C (software)	0.01 °C	Temp: 0.01 °C RH: 0.5%	1.16 uA	200 µV	0.01 °C
Maximum Load	N/A	N/A	N/A	25 mA, 3 V	12 V	N/A
Dew Point	X	X	√	N/A	N/A	N/A
LCD Display	√	√	√	√	√	√
LED Alarm Indicator	X	√	√	√	√	√
USB 2.0	√	√	√	√	√	√
Sample Memory	8,000 and 16,000	8,000 and 32,000	32,000 (16K per channel)	32,000		
Sampling Rate	Once per second / once every 2 hours	Once per second / once every 18 hours				
Battery Type/ Battery Life	CR2032 3V 1.5 years, depending on sampling rate	CR2032 3V 2 years, depending on sampling rate				
Operating Environment	-40 to 80 C					
Dimensions (with cap)	11 x 3.9 x 2.6 cm		11 x 3.9 x 3 cm	14 x 3.9 x 2.6 cm		
Weight	45.5 g					
Standards Compliance	CE, EN12830, IP68		CE, EN12830, IP54			
Wall Mount	X	Logger cradle accessory provided				



C.2. System Requirements

Software	Hardware
OS Platform: Windows XP SP3, Windows Vista and Windows 7 (32 and 64-bit) Screen Resolution: Minimum 1024 x 768	Processor: Pentium 4, 2.0 GHz or better Memory: 512 MB RAM Storage Memory: 250 MB available disk space for the DataSuite application