Andesfit

安達思科技有限公司 AndesFit Ltd.

香港沙田科學園科技大道西八號 15 座尚湖樓 513 室 Unit 513, Lakeside 1, Bldg. 15, No.8 Science Park West Avenue, Hong Kong Science Park, New Territories, Hong Kong Tel: 3595 1880 Fax: 2661 9845

Health Thermometer Application note for App developer

安達思科技有限公司

AndesFit Itd.

香港沙田科學園科技大道西八號 15 座尚湖樓 513 室 Unit 513, Lakeside 1, Bldg. 15, No.8 Science Park West Avenue, Hong Kong Science Park, New Territories, Hong Kong

Tel: 3595 1880 Fax: 2661 9845

Email: sales@andesfit.com | Website: http://andesfit.com



安達思科技有限公司 AndesFit Ltd.

香港沙田科學園科技大道西八號 15 座尚湖樓 513 室 Unit 513, Lakeside 1, Bldg. 15, No.8 Science Park West Avenue, Hong Kong Science Park, New Territories, Hong Kong Tel: 3595 1880 Fax: 2661 9845

Device Name: TEMP

Service UDID: 1809

Characteristics UDID: 2A1C

Properties: Indicate

Characteristics Name: Temperature Measurement

Data Format:							
Byte No.	Туре	Description					
1	Flag Information	ion					
	(Mandatory)		Bit Definition				
		0 Temperature Unit Flag		lag			
			•	0 = Celsius			
		● 1 = Fahrenheit					
		1 Time Stamp Flag					
		• 0 = field not present					
		2 Temperature Type Flag		_			
			• 0 = field not present				
		● 1 = field present 3 - 7 N/A		nt			
		3-1	N/A				
0 5	T	D. L. E L. IEEE 44070 00 1 11 51 5 5 7					
2 - 5	Temperature Measurement Value	Data Format: IEEE-11073 32-bit FLOAT Exponent Mantissa					
	(Celsius /			•	3 octets		
	Fahrenheit)						
				200			
		Special v	express the fo	ollowing:			
		• + IN	· ·				
		[ex	007FFFFE]				
		NaN (not a number)					
		[ex	007FFFFF]				
		• NR					
		[ex	300000]				
		Reserved for future use					
			$(2^2-1) \to 0x0$	00800001]			
		• - IN					
		[exponent 0, mantissa –(2^23 –2) → 0x00800002]					
		Evample					
		Example	;. 				



安達思科技有限公司 AndesFit Ltd.

香港沙田科學園科技大道西八號 15 座尚湖樓 513 室 Unit 513, Lakeside 1, Bldg. 15, No.8 Science Park West Avenue, Hong Kong Science Park, New Territories, Hong Kong Tel: 3595 1880 Fax: 2661 9845

		Value 36.4 Celsius		Data
				0xFF00016C
		34.79 Celsius		0xFE000D97
6	Temperature Type			
		Key	Value	
		1	Armpit	
		2	Body	
		3	Ear (usi	ually ear lobe)
		4	Finger	
		5	Gastro-	intestinal Tract
		6	Mouth	
		7	Rectum	
		8	Toe	
		9	Tympanum (ear drum)	
		10-255	N/A	
		0	N/A	
		0	N/A	



安達思科技有限公司 AndesFit Ltd.

香港沙田科學園科技大道西八號 15 座尚湖樓 513 室 Unit 513, Lakeside 1, Bldg. 15, No.8 Science Park West Avenue, Hong Kong Science Park, New Territories, Hong Kong Tel: 3595 1880 Fax: 2661 9845

Characteristics UDID: 2A1D

Properties: Read

Characteristics Name: Temperature Type

Data Format:

Byte No.	Туре	Description		
1	Temperature Type			
		Key	Value	
		2	Forehead	
		9	Tympanum (ear drum)	

Characteristics UDID: 2A1E

Properties: Notify

Characteristics Name: Intermediate Temperature

Data Format: N/A

Characteristics UDID: 2A21

Properties: Read / Write / Indicate

Measurement Interval Data Format: N/A