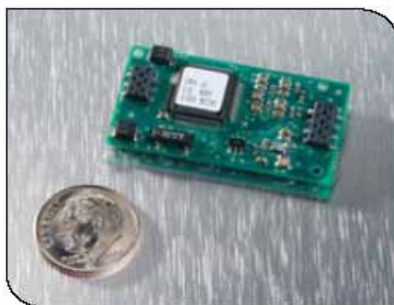


### 光脈式血氧濃度計模組

Cimtrac 提供的醫療sensor模組可搭配不同的無線網路模組用於遠端照護之用



低功耗 Oximeter module



數位式 Oximeter/ECG/呼吸 module

SpO <sub>2</sub>		
Range	0-99%	0-100%
Accuracy	Adult: +/- 2% at 70-99% SpO <sub>2</sub> , < 70% undefined Neonate: +/- 3% at 70-99% SpO <sub>2</sub> , < 70% undefined	+/- 2% at 70-100% +/- 3% at 50-69%
Pulse Rate		
Range	30-254 BPM	30-254 BPM
Accuracy	Greater of +/- 2 BPM or +/- 2%	Greater of +/- 2 BPM or +/- 2%
Signal Strength	0-8	0-8
Bargraph	0-15	0-15
Plethysmogram	0-100 auto-gained or highest resolution	8 bit
Flags	Pulse beep, no finger in sensor, sensor unplugged, searching for pulse, searching too long, lost pulse	Sensor, searching for pulse, searching too long, small pulse, artifact, pulse beep cue
Dimensions	0.80" W (20 mm) 1.53" D (39 mm) 0.22" H (5.6 mm)	7.00" W (17.8 cm) 4.50" D (11.4 cm) 1.25" H (3.20 cm)
Power Requirements	6.6mA at 3.3 VDC electrically isolated (22mW typical)	Input voltage: +12 VDC, 2 Watts
Serial Communications	CMOS 3.3 levels Protocol consists of 5-byte packets sent at 60Hz, using speed of 4800 Baud	Serial communication logic levels 0-5 V