

RFID Protocol Analyzer / Simulator

AWT has introduced the world first All-In-One RFID Protocol Analyzer/Simulator. This product is to measure and evaluate the compliance of specifications which are prescribed by ISO 18000 series for the RFID tags or readers including active or passive.

It can provide more convenient test, analysis and evaluation environment for the designers, manufacturers and service providers related in RFID markets. Using this, you can shorten the development schedule, reduce the cost, and increase the productivity.

Features

- ▷ Emulate the Standard RFID Reader or Tag
- ▷ Measure and Evaluate RFID Tags' and Readers' protocol to check the compliance with ISO18000 series
- ▷ Measurement of Frequency, Power, and Modulation
- ▷ Display Timing Waveform / Code Data
- ▷ Easy to use, Compact Size



Specifications

Parameter		Description	
Frequency	Range	120 ~ 140 KHz 13 ~ 14 MHz 430 ~ 440 MHz 860 ~ 960 MHz 2.40 ~ 2.49 GHz	
	Resolution	10 Hz	
Tx.	Output Power Level		
	Level Control	Range	+10 dBm max
		Resolution	30 dB
Rx.	Sensitivity		
	Level Measure Range		-90 dBm
Modulation		-90 ~ 0 dBm	
Coding		AM, FM, PSK, Back Scatter, GMSK	
		PIE, PPM, Manchester, FM0, Miller, MFM, NRZ	

* The other band models are available on requests