



T4000 ULTRA

The next level in complex target generation



FEATURES:

- Rugged module for tactical and range systems
- 12/14 bits resolution
- 100 MHz to 18 GHz tunable
- 1GHz adjustable instantaneous bandwidth
- > 55dB dynamic range
- Generate up to 128 independent targets
- Kinematic scenario programming environment
- Supports multiple complex target cluster scenarios
- Variable target range delay up to 3.2ms
- Remote Ethernet operation
- Extensive target generation capabilities

FEATURES	SPECIFICATIONS
Frequency	100 MHz to 18 GHz tunable
Targets	1 to 30 independent targets per board
Instantaneous Bandwidth	1GHz
Bit Depth	10 in, 12 out (Tactical Systems) 14 in, 14 out (Range Systems)
Dynamic Range (Spurious Free)	55dB @ 1GHz
Pulse Width	15ns to CW
PRF Range	1Hz to 5MHz
Target Delay Memory	1 Kernel = 3200us 30 Kernel = 100us
Delay Resolution	0.625ns
Doppler Range	+/-20MHz
Amplitude Resolution	0.25dB
Target Update Rate	> 1KHz
Gain Flatness	+/- 1.5dB
Operating Temperature	-10 to 65°C
Control Interface	Ethernet
Dimensions	3.0" x 5.5" x 11.9"

