

# ADEP Blade



FEATURES	SPECIFICATIONS
Frequency	20MHz – 3.6GHz
Targets	4 independent targets (16 optional)
Instantaneous Bandwidth	1 – 128MHz (programmable)
Bit Depth	16 in, 16 out (LVDS)
Dynamic Range	96dB
AGC	32dB
Pulse Width	15ns to CW
PRF Range	1MHz to 5MHz
Frequency Measurement (DFD)	Internal
Delay	2.3ms @ 1MHz, 300ms @ 128MHz
Delay Resolution	6.7ns
Spurious Signal Level	-40dBc max in band
Gain Flatness	<+/- 1.0dB
Max Operational Input	-10dBm
Control Interface	Ethernet
Dimensions	5.01" x 7.9" x .89"
Weight	<2lbs
Power	28 VDC, 15W

## FEATURES:

- Ruggedized TRL9 EW/Cyber and low band radar simulator and target generator
- Airborne and ground operations
- 20MHz – 3.6GHz
- Adjustable Instantaneous Bandwidth (1-128MHz)
- 16-bit ADC/DAC
- Programmable sub-band blanking
- Pipeline and stored pulse modes
- Portfolio of ADEP T4000 and 1300 techniques
- Arbitrary waveform and LFM generator to emulate advanced communications and radar waveforms
- Available as OMEN system compliant or fully standalone
- Ethernet Interface and control for remote operations

