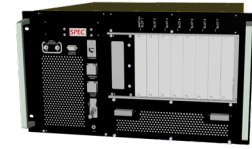
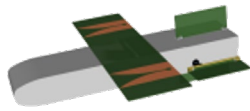


SPEC PRODUCT MATRIX



FEATURES	ADEP Expendables MicroEW Payloads	ADEP BLADE	ADEP T4000	ADEP ULTRA (Module) ADEP T4000 ULTRA	ADEP ULTRA CTG
Use Case	Tactical	Tactical	Tactical	Tactical/Simulator	Simulator
Size	1" x 1" x 8"	5" x 7.9" x 0.89"	3" x 5.5" x 11.9"	3U VPX	19" Rackmount
Weight	<1lbs	<2lbs	7.5lbs	4lbs	Configuration Dependent
Power	Battery, 30-60s	<15W @28VDC	<75W @28VDC	<75W @28VDC	<15A @120VAC
Frequency	Multi-Band	20 MHz - 3.6 GHz	1-18 GH Tunable (3.2 GHz, 5.7 GHz, and 8-18 GHz)	100 MHz - 18 GHz	100 MHz - 18 GHz
IBW	500 MHz	1 - 128 MHz (adj)	1.4 GHz	100 MHz / 1 GHz	100 MHz / 1 GHz
Control	Preconfigured Ensembles	Ethernet (Local or Remote)	Serial/Parallel	Ethernet	Ethernet (Local or Remote)
Bit Depth	12 in, 14 out (LVDS)	16 in, 16 out (LVDS)	12 in, 12 out (LVDS)	12 in, 12 out (LVDS) 14 in, 14 out (JESD)	14 in, 14 out (JESD)
# of Targets	2 independent targets	4 Independent targets (16 Optional)	4 Independent targets	1 to 16 Independent kernels, up to 128 targets per kernel	1 to 16 Independent kernels, up to 128 targets per kernel per channel
Attenuation	60dB	42dB (6dB steps)	42dB (6dB steps)	70dB (0.25dB steps)	0-180dB (0.25dB steps)
# of Channels	Single Channel	Single Channel	Single Channel	Single Channel	Multiple In, Multiple Out
Scenario Generation	Yes	Yes	Yes	Yes	Yes
Remote Operation	Yes	Yes	Yes	Yes	Yes
PDW Streaming	Yes	Yes	Yes	Yes	Yes
Multi-Unit Synchronization	Scenario Dependent	Yes	Scenario Dependent	Yes	Yes

