

ECPRO JAMMER SPECIFICATIONS

Parameter	Specification
Frequency range	HF, VHF, UHF and Microwave
Power Output	60 MHz – 500 MHz : 100 Watts 500 MHz – 1000 MHz : 50 Watts
Jamming modes	Spot Jamming Repeat multi tone jamming Partial band jamming Barrage jamming Follower jamming
Jamming Modulation modes	Continuous wave (CW) Amplitude modulation (AM) Frequency modulation (FM) Wideband frequency modulation (WFM) Quadrature Phase Shift Keying (QPSK , satcom) Quadrature Amplitude Modulation (QAM, Microwave)
Jamming range	10 - 20 Km radius Extendable using array processing
Jamming duration	User Programmable
Scan rate	10 MHz / msec
Noise Figure	60 to 500 MHz antenna : 18 dB typical 500 to 1000 MHz antenna : 15 dB typical
Jammer Data input	RS 232-C Ethernet, USB
Baseband processing	200 MHz and above with software radio architecture Able to support future modifications / add-on modules Microcomputer and a field programmable gate array with minimum 4 million gate array capacity.
RF transceiver	Integrated transmit / receive switch Tunable Channel / Power selection User programmable 3 wire serial interface Beam forming for Friend – Foe discrimination Array processing for range extension
User Interface	Laptop interface