

e4i **communication**

EXPERIENCE THE DIFFERENCE
YOUR SECURITY & SAFETY PRODUCTS

24/7 DRONE DEFEATER
Ultra High power Mobile & Fixed
360 Degree & Directional Coverage



LEARN MORE:

<http://e4communication.com>

1000W 400-6000MHz Double unit 2 to 5 Km JAMMING Capability



Band #	On/Off	Freq. MHz	Power, W	Status	Temp. C	Temp. Alarm
1		1570 - 1620	150	ON	35	
2		2400 - 2500	150	OFF	36	
3		2400 - 2500	150	OFF	35	

Total On/Off



SPECIAL OPTIONS & FEATURES



*Image for demonstration only

- State-of-the-art highly efficient high power jamming system designed for Counter Terrorism applications and VIP protection.
- Continuous and simultaneous Activation of all frequency bands.
- Hand portable jamming system using 220V Grid Power.
- High gain Omni-directional antennas providing highest efficiency in each current application 360 degrees.
- Optional High gain (up to 10 dBi) directional antennas.
- GUI Remote Control Unit for Main System Control provides ON/OFF function for each individual frequency band and full system control.
- "Smart Active" cooling system enables unlimited continuous use in very hard weather conditions.
- Ease of mobility, installation and use. Simply connect antennas to the Jamming Unit, plug in to the Grid Power and start operation via Remote Control Unit.

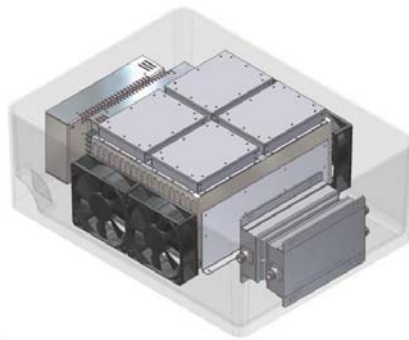
SYSTEM FEATURES

FULLY PORTABLE
DESIGN

SPECIALLY DESIGNED
METAL ENCLOSURE
SHOCKPROOF,
VIBRATIONPROOF
INTERNAL RF SHIELD

ULTRA HIGH POWER RF
AMPLIFIERS WITH VSWR
AND TEMPERATURE
SELF-PROTECTION

HIGH POWER
HIGH STABILITY
AC POWER SUPPLY



EXTRA HIGH
DENSITY FM
CONTINUOUS NOISE

LOW LOSS RF
CABLES

ACTIVE SMART
COOLING SYSTEM

WEATHERPROOF AND
SHOCKPROOF
MILSTYLE "PELICAN"
TROLLEY CASE



Frequency bands	6		
Total Power Output	1000 Watt		
Jamming Source	Fixed, FM Modulated White Noise		
Frequency Bands List & RF power per band	Frequency Bands (MHz)	Application	Watt
	Unit # 1		
	431-436	Command Control	180
	860-1100	Command Control	200
	1170-1380	GPS (L2-L5) GLONASS(L2)	200
	Unit # 2		
	1570-1620	GPS (L1) GLONASS (L1)	180
	2400-2500	WiFi Command	180
	5700-5875	WiFi Command	60
Power Consumption	Max 4000 VA		
External Power Source	AC~110/260VAC		
Remote Control	GUI User interface via laptop computer On/Off + status per channel		
Antenna type	External high gain omnidirectional (case attached) External high gain directional (case attached)		
Housing	Weatherproof, shockproof milstyle "Pelican1510" trolley case		
Dimensions	56 x 35 x 23 cm		
Total System weight	Approx. 23kg (w/o external antennas [5Kg]) X (2)		
Humidity	Up to 80 %		
Operation temperatures	-10° ... +50 ° C		
System Protection	<ul style="list-style-type: none"> - Over-burning - Over-voltage - Over-current 	<ul style="list-style-type: none"> - Weather-proof - Shock-proof - Antenna VSWR 	



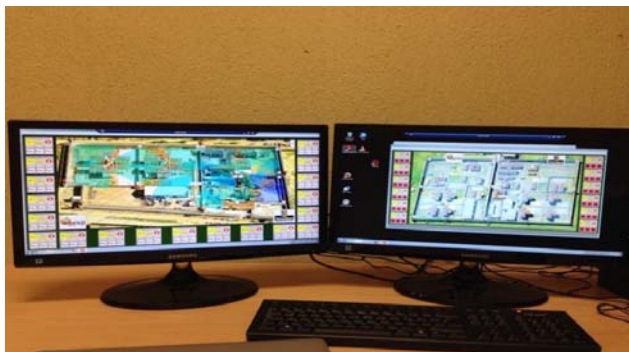
GUI Control Interface

The systems General user interface allows for full status overview and control of all the jamming units.

Overview includes: Unit Temperature, DC status and RF status per band.

This interface provides operator real time update of each band and ability to turn ON/OFF each band separately or all bands together.

(See picture below).



*Image for demonstration only



ANTENNAS AND RF CABLES

The system is equipped with Omni-directional antennas and Optional high gain external Directional (up to 10dBi). Omni-directional antennas are directly connected to unit via RF output connectors (cover picture) or they are placed on special metal plate which could be mounted on car's roof. Directional antennas are placed on the special metal plate which could be mounted at any place, and they could be connected to the unit via RF cables accordingly (cover picture).

High quality high power low loss RF cable is provided if antennas are not connected directly to the jammer.

SAMPLES OF ANTENNA TYPES

A- Band Center-fed Dipole

The 2400-25007E mobile antenna is an Omni-directional, vertically polarized, rugged and versatile WiFi antenna intended for ground to mobile communications. 2400-2500MHz range.

Encased in a high strength fiberglass sleeve, the 2400-25007E is robust, impact resistant, and able to withstand the rigorous demands of harsh environments.

Band Center-fed Dipole Antenna Specification

Frequency Range	2400-2500 MHz
Input Impedance	50 Ohm
Input Power	200 Watts
VSWR	< 1.7:1
Gain Pattern	Omni-directional
Polarization	Vertical
Input Connector	N Female
Length	Meter 0.8
Weight	Total 1.0 Kg
Environmental	MIL-STD-810F



B- Band Center-fed Dipole

The 860-1100-7E mobile antenna is an Omni-directional, vertically polarized, rugged and versatile GSM antenna intended for ground to mobile communications. 860-1100MHz range.

Encased in a high strength fiberglass sleeve, the 860-1100-7E is robust, impact resistant, and able to withstand the rigorous demands of harsh environments.

Band Center-fed Dipole Antenna Specification

Frequency Range	860-1100 MHz
Input Impedance	50 Ohm
Input Power	200 Watts
VSWR	< 1.7:1
Gain Pattern	Omni-directional
Polarization	Vertical
Input Connector	N Female
Length	Meter 1.1
Weight	Total 1.0 Kg
Environmental	MIL-STD-810F



Example of Directional Antenna

Horn Antenna

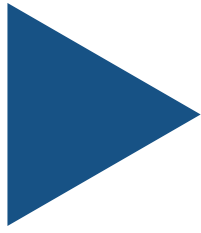
The 2400-2500-12E horn antenna is a directional, with 90 degree opening angle, WiFi antenna intended for ground and mobile communications 2400-2500MHz range.

2400-2500-12E is made of Lightweight aluminum material with special Teflon-Fiber-glass material for Radom. It is able to withstand the rigorous demands of harsh environments.

Horn Antenna Specification

Frequency Range	2400-2500 MHz
Input Impedance	50 Ohm
Input Power	200 Watts
VSWR	< 1.5:1
Gain Pattern	90 degree directional
Polarization	Vertical / Horizontal
Input Connector	N Female
Weight	Total 1.2 Kg
Environmental	MIL-STD-810F





LEARN MORE: c4icommunication.com

FOR MORE INFORMATION: contact@c4icommunication.com or +1 (302)9811340