

25 - 2500 MHZ
1315 WATT RF POWER
(3300W of E.I.R.P.)

JAM-V_{Mk3}

Toyota Land Cruiser *Extended*

- ✓ The **JAM-V_{Mk3} Extended** Toyota Land Cruiser is a specially customized luxury vehicle, equipped with a fully integrated broad band jamming system.
- ✓ A highly efficient special high power **JAM-V_{Mk3} Extended** designed for protection of ground troops, bomb disposal squads and anti-terror security applications against the threat of remotely controlled improvised explosive devices (RCIEDs)
- ✓ The **JAM-V_{Mk3} Extended** system covers continuously and simultaneously the most commonly used RF communication frequencies from 25MHz to 2500MHz which terrorists are using to detonate road-side bombs (RCIEDs).
- ✓ Using the latest jamming and antenna technology, the third generation of our **JAM-V_{Mk3} Extended** now has an ultra high RF transmitting power of **1315 watts** (more than **3300 Watts** of EIRP) resulting in more coverage distance.
- ✓ This state-of-the-art RF jamming system is installed in the trunk of the vehicle and is supported by a fully integrated smart active cooling system, powered by a dedicated specially customized DC alternator, high gain omni directional antennas (including retractable type) are mounted on the roof of the vehicle.
- ✓ Full system management (activation, control and operation) is carried out via a remote control unit which is installed (in a covert manner) inside the driver's console unit.
- ✓ The customization includes special RF shielding for full protection of driver and passengers.
- ✓ Optional armoring to level B6 is available for all our Military and VIP vehicles.
- ✓ There is simply no better way to defend your VIP from the threat of radio activated bombs.



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TECHNICAL SPECIFICATION

Frequency band, MHz	Application	RF Output Power, Watt
25 - 35	CB Radio, Car Alarms, Radio-Controlled Toys (Airplanes, boats, cars)	20
35 - 50	Radio-Controlled Toys (Airplanes, boats, cars)	20
66 - 88	Walky-Talky (LB)	75
135 - 175	Walky-Talky (VHF)	75
300 - 350	Walky-Talky (UHF300)	100
350 - 400	Walky-Talky (UHF350)	100
400 - 465	Cellular NMT, Walky-Talky (UHF400), Car Alarm	100
465 - 530	Cellular CDMA450, Walky-Talky (UHF450)	100
800 - 850	Walky-Talky (UHF700/800), TETRA	100
850 - 895	Cellular CDMA/TDMA, Walky-Talky (UHF800)	100
925 - 960	Cellular GSM900	100
1520 - 1670	GPS & Satellite: Thuraya, Iridium, Odyssey, GlobalStar, Inmarsat	100
1805 - 1880	Cellular HGSM1800	100
1930 - 1990	Cellular GSM1900/PCS {+PHS}	100
2110 - 2170	Cellular UMTS/WCDMA (3G)	100
2400 - 2500	WLAN & Bluetooth & WiFi	25
TOTAL RF POWER		1315 Watt

Total RF Output Power	1315W
Antenna Type	High Gain Omni directional
Number of Antennas	10
Power Supply Source	Additional DC Alternator (+28VDC/250A)
Total Power Consumption (+28VDC)	Max 6000VA
Battery Back Up Capacity	100AH/+28VDC
Total System Weight	Approx. 150kg
Operating Temperature Range	-20°C ... +50°C
Operating Humidity	Up to 80%

* Specifications are subject to change without prior notice

For more Info & Price Quote, Please Contact:

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