



HIGH POWERED COMMUNICATION JAMMER

HD-HPCJ 16 CHANNELS

BESPOKE

- ☒ **MODULATION** - PRN
- ☒ **CHANNEL** - SPECIFIC FREQUENCY RANGE
- ☒ **POWER** - PER CHANNEL / INDOOR / OUTDOOR
- ☒ **FORM FACTOR** - MOBILE / VEHICLE / STATIC ETC



PRN



SDR



FGP



POWER AMP

KEY FEATURE

PRN MODULATION

DEDICATED PER CHANNEL:

- ☒ PREDEFINED **FREQUENCY RANGE**
- ☒ **SDR & FGPA** PROCESSOR
- ☒ **HIGH** OUTPUT POWER

SELECTION OF DEDICATED FREQUENCY **ANTENNAS**

BUILT IN **DC** AND **AC** POWER INPUT

LONG OPERATING HOURS

MODULAR DESIGN – RAPID DEPLOYMENT & EASY MAINTENANCE WITH MINIMAL DOWNTIME

ADDITIONAL MODULE – **PLUG & PLAY**

LATEST TECHNOLOGY – AMPLE HEADROOM FOR **FUTURE INTEGRATION** & UPGRADE

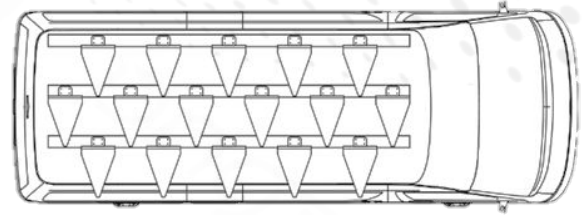
TECHNICAL SPECIFICATION HD-HPCJ

Note: This drawing is for reference only. Final product dimensions, specifications, and configurations are subject to change.

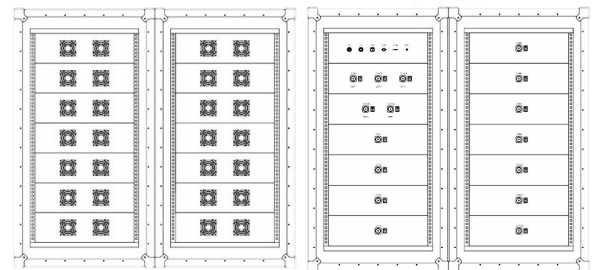
Signal Modulation	16 CHANNEL PRN HIGH POWERED COMMUNICATION JAMMER Model HD-HPCJ Software Defined Radio (SDR) Powered by High-Speed FPGA Processor
Number of Channel	16 channels
Jamming Frequency Range	700MHz – 6000MHz
Jamming Band	CELLULAR & WIFI
Total Power Output	6000W DC (maximum)
Jamming Range	Up to 1km maximum effective range depending on spectral/physical environment/ antenna type
Output Control	Adjustable Power Output
Antenna	Directional Antenna (Cellular & Wifi)]
Power Amplifier Protection	SWR, Over Voltage, Current & Heat Protection
System Protection	VSWR, Over-Voltage, Over-Current, Over-Temperature
Temperature	Storage: -10°C to +65 °C Operating: -10°C to +65 °C
Relative Humidity	Storage: 0 to 95% Operating: 0 to 95%
Power Supply Unit	110-240 AC



COVERT ANTENNA INSTALLATION



16 DEDICATED SECTORAL ANTENNAS



**BACK VIEW
(DOOR OPENED)**

**FRONT VIEW
(DOOR OPENED)**

JAMMING FREQUENCY

Channel	Frequency	Band	Frequency Operator		User	Adjustable Output Power (Watt)
			UPLINK	DNLINK		
CH1	700 MHz	n28	703-733	758-788	Telkomsel, XL, Indosat	100-500
CH2	800/850 MHz	Band 5	824-849	869-894	Telkomsel, Indosat, smartfren	100-500
CH3	900 MHz	FDD	880-915	925-960	Telkomsel, Indosat, XL, Tri	100-500
CH4	1400 MHz	TDD	1432-1512		My republic	100-500
CH5	1700 /1800MHz	FDD	1710-1785	1805-1880	Telkomsel, Indosat, XL, Tri	100-500
CH6	1900/2100MHZ	FDD	1920-1980	2110-2170	Telkomsel, Indosat, XL, Tri	100-500
CH7	2300 MHz	Band 40	2300-2350		Telkomsel, Smartfren	100-500
CH8	2300 MHz	n40	2350-2400		Telkomsel, Smartfren	100-500
CH9	2400 MHz	W i-Fi 2.4	2400-2500		W i-Fi 2.4G	100
CH10	3500 MHz	n78	3300-3450		5G	100-500
CH 11	3500 MHz	n78	3450-3650		5G	100-500
CH12	3500 MHz	n78	3650-3800		5G	100-500
CH13	5000 MHz	Wi-Fi 5	5150-5350		W i-Fi 5G	100
CH14	5000 MHz	Wi-Fi 5	5350-5500		W i-Fi 5G	100
CH15	5000 MHz	Wi-Fi 5	5500-5750		W i-Fi 5G	100
CH16	5000 MHz	W i-Fi 5	5750-6000		W i-Fi 5G	100

CONCEPTUAL DRAWING OPERATING VEHICLE CONFIGURATION

Antenna is intended to be shown for Configuration purpose only

TOP VIEW (WITHOUT ANTENNA)

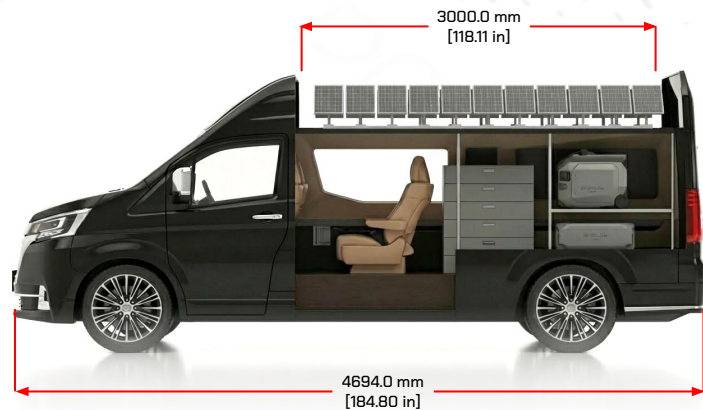


FRONT VIEW

TOP VIEW



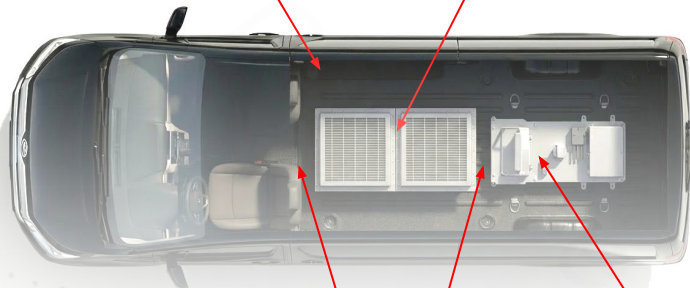
SIDE VIEW



TOP VIEW

D-RING ANCHOR

HIGH POWERED JAMMER



FIREWALL (SEPARATOR)

GENERATOR SET

BACK VIEW (JAMMER COMPARTMENT)

AIR CONDITIONER



SIDE VIEW

HIGH POWERED JAMMER

GENERATOR SET

BACK VIEW (GENERATOR COMPARTMENT)

FIREWALL (SEPARATOR)



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HELIX
DEFENCE

ELECTRONIC COUNTERMEASURES

