Model Name	Picture	Model Name	Picture	Model name	Picture
ST-402"CAYMAN"		NR-900S		NR-CHP	
Range of radiated frequencies 2-3GHz Peak radiated power less than 2W Antenna system polarisation elliptic Operation Modes: Search, Audio, Adaptation Sensitivity diapason in Search mode 40dB (5 values with 8dB increment) Response indication visual (Light), sound Power Supply Two Li-ion rechargeable batteries 3,7 V (type 18650) Time of continuous work from fully charged battery from 3 to 4 hours (depending on the operation mode) Battery charging time Less than 3 hours Operating conditions - working temperature range +5...+40°C - relative air humidity up to 85% (at 25°C) Weight (with batteries) 1.75 kg Dimensions (LxWxH) –when folded 510x145x130mm -with telescopic arm pulled out completely 1500x250x130mm Weight of full set in case 5.8 kg		Modulation type Pulse-amplitude The average power of the microwave signal in the search mode Not more than 400mW Receiver sensitivity Not worse than -140dBm Continuously adjustable output power of the probe signal to -9dB in 3 dB Detection range: - mobile phone Not less than 2 meters - IED with remote control More than 10 meters Battery Li-ION accumulator 7,4V Continuous operation time on internal battery At least 2 hours Curb weight of the device (with battery) Not more than 1,2 kg		Type of modulation Pulse-amplitude modulation Mode of operation “Search” Average output power in search mode Not more than 200 mW Power supply 2 Soshine batteries 18650 3,7 V Operation time with one fresh battery set At least 4 hours Operational weight not more than 1.2 kg	

Model Name	Picture	Model name	Picture	Model name	Picture
Lornet-36		Lornet-0836		Lornet STAR	
Type of probing signal pulse Probing signal frequency 3580-3620 MHz Receiver frequency at 2nd harmonics 7160-7240 MHz Receiver frequency at 3rd harmonics 10740-10860 MHz Antenna gain factor at 1st harmonics 20 dB Antenna gain factor at 2nd harmonics 24 dB Capacity (pulse ratio) of pulse signal 20 W (160) Energy potential (capacity of probing signal taking into account antenna gain factor) 2000 W Sensitivity at 2nd and 3rd harmonics (without antenna gain) minus 110 dBm Dynamic range More than 40 dB Angle of antenna directivity diagram (at 1st//2nd//3rd harmonics) 16//8//4 grade Laser lightning of the center of directivity diagram yes Time of work using built-in accumulator at maximum capacity of probing signal 3 hours Dimensions: at working conditions 47.7x30.3x22.7cm at transportable conditions 30.3x30.3x23 cm Weight 1.4 kg		Type of probing signal pulse First probing signal frequency 789,5 ... 791,5 MHz Second probing signal frequency 3581,5 ... 3607,5 MHz Duty cycle 0,3 % and 5% Transmitters peak power in each frequency range 18 W / 6 W Receivers sensitivity <-110 dBm Operation time with changeable battery >3.0 / 1,5 h Dimmensions 305 mm x 305 mm x 280 mm Weight <1,6 kg		Transceiver heads 08 24 24s 36m Probing signal frequency range 800MHz 2400MHz 2400MHz 3600MHz Spectrum Analyzer no no yes no The maximum power of the probing signal (peak // average): Pulse mode 10W//230mW 10W//230mW 10W//230mW 18W//112mW Continuous mode 300mW 300mW 300mW - Pulse mode with small duty cycle (CW) - - - 6W//375mW Receiver sensitivity -110dBm The adjustment range of the probing signal power 20dB The dynamic range of the receiving path 24dB Battery life at maximum power in a pulse (continuous) mode 3,0h (1,5h) 3,0h (1,5h) 2,5h (1,5h) 2,5h (1,5h) Device dimensions 40x20x7cm 40x20x7cm 40x20x7cm 40x20x20cm Telescopic rod size 54x4x4 (86x4x4)cm The full weight of the item in active state without rod 1kg Telescopic rod weight 0.2kg The bag dimensions 65x30x20cm Maximum weight of the devices within the bag 3kg The operating temperature range +5o...+40oC	

Model Name	Picture	Model Name	Picture	Model name	Picture
EDD-24T		DT-810		DT-830	
Transmit Frequency 2.400 GHZ to 2.425 GHz (ISM Band Type B) Transmit Power Level Up to +30dBm (1 Watt) Radiated Power Antenna Up to +36dBm (4 Watts) within allowable limits of ISM band (Type B) Display 3.5 inch Colour TFT Daylight Readable Receiver Sensitivity better than -120dBm on 2nd and 3rd harmonics Receiver Bandwidth Approx 10KHz Battery 3.7V Lithium Polymer Internal rechargeable Battery life 4.5 Hours (Minimum TX Power) 2.0 Hours (Maximum TX Power) DC Charge Micro USB Socket 5V 1A Charger Input 110/220V Auto-switching - International Adaptors Output 5V DC 2A Audio Internal Loudspeaker or via 3.5mm Earphone Socket Operating Temperature 0 to +40 degrees C Enclosure Machined Aluminium Enclosure with Plastic Antenna Cover Weight Main Unit 700g with Carry Case 2.0kg Dimensions,mm 225x118x51 Carry Case Military Standard 321mm x 229mm x 111mm		Transmitting Frequency range 2.404 GHz - 2.472 GHz Receiving 2nd Harmonic 4.808 GHz-4.944 GHz Receiving 3d Harmonic 7.212 GHz-7.416 GHz Voltage 8.4V Pulse Mode Transmit Power (Max.) 0-4W (ERIP) Receiving sensitivity -140dBm Receiving dynamic adjustable range 30dB Operation Time in Max Power Pulse Mode 4h Battery type Replaceable lithium battery 4 AH Charging time Fast charging 2.5 hours/block Interactive interface Audio, LCD Display,Vibration Tips. Detection distance GPS module: 40-50cm, Mobile phone: 18-22cm Sim Card: 9-12cm Product size 750(L)*114(W)*108mm(H) Case size 700(L)*330(W)*180mm(H) Product weight 1.52kg Working temperature -30…+55oC Working humidity No more than 93%, no condensate		Nonlinear Junction Parameters Transmitting Frequency range 2.404 GHz - 2.472 GHz Receiving 2nd Harmonic 4.808 GHz - 4.944 GHz Receiving 3d Harmonic 7.212 GHz - 7.416 GHz Voltage 7.4V Pulse Mode Transmit Power (Max.) 0-4W (EIRP) Receiving sensitivity -140dBm Receiving dynamic adjustable range 30dB Operation Time in Max Power Pulse Mode 4h Thermal Imaging Parameters Array format 160x120, continuous scanning Pixel size 12 µm Thermal imaging sensitivity <50mK (0.050 C) FOV-horizontal 57o FOV-diagonal 71o Lens type F/1.1 Other Parameters Battery type Replaceable lithium battery Charging time Fast charging 2.5 hours/block Interactive interface Audio, LCD Displays,Vibration Tips,Imaging of Objects Detection distance GPS module: 40-50cm, Mobile phone: 18-22cm Product size 750(L)*114(W)*108mm(H) Outer box size 700(L)*330(W)*180 mm(H) Product weight 1.56kg	

Model Name	Picture	Model Name	Picture	Model name	Picture
NL RADAR 1420		NL RADAR 1160		DT-824S	
Emitting signal type Pulse Frequencies used F1 , F2 , F3 , F4 (in the range of 1400...2000 mhz) Output power modes 10W / 100W Detection angle ~50o Maximum average radiation power at frequencies Fl , F2, F3, F4 not more than 0.6W Transmit antenna gain at least 10 dB Receiving antenna gain at least 13 dB Continuous operation time With a lithium-ion battery at a max power ~2.5 hours Weight of main unit 1,25 kg Operating temperature -10...+50oC Ambient pressure 450...800 mm Hg Climatic performance IP-67 rating		Emitting signal type Pulse Frequencies used F1 , F2 , F3 , F4 (in the range of 1100...1600 mhz) Output power modes 10W / 100W Detection angle ~50o Maximum average radiation power at frequencies Fl , F2, F3, F4 not more than 0.6W Transmit antenna gain at least 10 dB Receiving antenna gain at least 13 dB Continuous operation time With a lithium-ion battery at a max power ~2.5 hours Weight of main unit 1,25 kg Operating temperature -10...+50oC Ambient pressure 450...800 mm Hg Climatic performance IP-67 rating		Transmitting Frequency range 2.404 GHz - 2.472 GHz Receiving 2nd Harmonic 4.808GHz - 4.944GHz Receiving 3d Harmonic 7.212GHz - 7.416GHz Pulse Mode Transmit Power (Max.) 0-1W (EIRP) Receiving sensitivity -125dBm Receiving dynamic adjustable range 50dB Operation Time in Max Power Pulse Mode up to 4 h Battery Type Replaceable Lithium Battery 4900mAh Charging Time Fast Charging 3h Interactive Interface Audio, LCD Display,Vibration Protection grade IP54 LCD Display 2.4 Inch TFT Touch Screen Product Size 212(L)*112(W)*70mm(H) Outer Box Size 580(L)*300(W)*150 mm(H) Product Weight 0.5 kg Working Temperature -30…+ 55oC Working Humidity No more than 93%, no condensate	

Model Name	Picture	Model Name	Picture	Model name	Picture
FJT-C-S6		HW-24		ORION HX	
Frequency range 2400.5MHz -- 2485.5MHz Signal form Pulse duty cycle of 5% Pulse width 500us Transmitter power 3.7W (peak) Transmitting antenna gain 7Db Transmitting antenna VSRW <1.5 2nd harmonic receiver frequency 4801MHz -- 4971MHz 2nd harmonic receiver sensitivity -140dBm 2nd harmonic receiver antenna gain 7Db 2nd harmonic receiver antenna VSRW <1.5 3d harmonic receiver frequency 7201.5MHz -- 7456.5MHz 3d harmonic receiver sensitivity -140dBm 3d harmonic receiver antenna gain 7Db 3d harmonic receiver antenna VSRW <1.5 Power consumption not more than 10W Display LCD touch + rear-projection light source Operating time 3 hours Charge time 2 hours Weight ~1.7kg Weight when packed ~5.2kg Limit temperature range -20...+60o Relative humidity at +25o not more than 80%. Size 680x130x118mm Extended size 1400x130x118mm		Signal frequency 2400 - 2483 MHz Max. peak power of radiation in pulse mode 10W Maximum continuous radiation power(CW) 300mW The adjustment range of signal power 20dBm 2nd Harmonic frequency 4812 - 4828 MHz 3rd Harmonic frequency 7218 - 7242 MHz Receiver Sensitivity -108 dBm Dynamic range 80 dBm Power supply Built-in Rechargeable Li-battery, 3.7v, 7.8Ah Battery life 3 hours at max power in a pulsed mode 1 hour at max power in a continuous mode Device dimension in operation L47cm x W12.5cm x H6cm Device dimension (folded) L28cm x W12.5cm x H6cm Device weight 1kg Alarm mode Audible and Visual (LED indicator) Operating temperature +5 …+40		2.4 HX transmit power: 3.3 W; G model: 6.6 W 900 HX transmit power: 1.4 W; G model: 3.2 W Power control: manual or auto control 2.4 HX frequency band: 2.404 GHz - 2.472 GHz 900 HX frequency band: 905 - 925 MHz; G model: 840 - 960 MHz Transmit channels: manual or auto selection, more than 60 available Transmit modulation: digital spread spectrum, 1.25 MHz bandwidth Please note: G model authorized for use only by agencies, persons and entities not restricted by FCC & IC. Both models are CE marked for public safety and security. Commercial CE versions also available. RECEIVER Simultaneous 2nd & 3rd harmonic receive Digitally correlated 2.4 HX frequency band: Second Harmonic (4.808 GHz – 4.944 GHz) Third Harmonic: (7.212 GHz – 7.416 GHz) 900 HX frequency band: Second Harmonic (1810 MHz - 1850 MHz); G model (1680 MHz - 1920 MHz) Third Harmonic: (2715 MHz - 2775 MHz); G model (2520 MHz - 2880 MHz) 2.4 HX sensitivity: -140 dBm for both harmonics 900 HX sensitivity: -130 dBm for both harmonics BATTERY Input AC: 100-240 V, 50-60 Hz Run time: >4 hours per battery (typical) Charge time: 2.5 hours per battery Batteries: Lithium ion rechargeable (2 included) The supplied battery pack: RRC Power Solutions Lithium Ion Rechargeable Battery pack Model #RRC2040, rated 11.25V, 2950mAh, 33.2Wh. THERMAL Operating temperature: -10 to 50°C Battery charging temperature: 5 to 37°C Storage temperature: -20 to 60°C Please note: extended storage at temperatures above 40°C could degrade battery & OLED display performance and life. Antenna-mounted display Bar graph display for transmit power level, 2nd harmonic level, 3rd harmonic level, data field display, for other information(operation mode, low battery, volume, DSP gain, etc.) MECHANICAL Extension lengths: 16-51 in (40.6 - 129.5 cm) Case dimensions: 6.25 in x 14.9 in x 18.5 in (15.9 cm x 37.8 cm x 47.0 cm) ORION 2.4 HX dimensions: 22.4 in x 3.75 in x 3 in (57 cm x 9 cm x 7.5 cm) ORION 900 HX dimensions: 23 in x 3.75 in x 3 in (58.4 cm x 9 cm x 7.5 cm) Overall Extended Length: 58 in (147 cm) ORION 2.4 HX weight w/ battery: 3 lbs (1.4 kg) ORION 900 HX weight w/ battery: 3.6 lbs (1.6 kg)	

Model Name	Picture	Model Name	Picture	Model name	Picture
NR-900EK3M"Eagle"		NR-2000		NR-900 EMS	
Probing signal Pulse Receiver 2-channel (2nd and 3rd harmonic) Output power (average / peak) 0.15W / 200W Indication: - visual LED-display - audio Headphones Power supply Ni-Cad battery, 6V/7Ah Start-up time not more than 5 min Continuous operation time with one fresh battery (under normal environmental condition) not less than 8 h Operation temperature range -30ºC…+50ºC Weight (ready for operation/in standard packing) 5.1 kg/12.0 kg		Probing signal output attenuation 2 steps 0 dB and -6dB Receiver input signal attenuation 5 steps: 0dB, -10dB, -20dB,-30dB, -40dB Indication General search, 20K Detection range: Audio & LED display Power supply 2x18650 Li-ion rechargeable cells Standard test unit detection range 1±0.05m Precise probing signal output adjustment Up to -15dB in 1dB step Operational temperature range -20°C…+40°C Relative humidity (under +25°C) Not more 80% Operation time in searching mode / 20K 4 h / 1.5 h Weight in operation / bag 3 kg / 10 kg		Output power: - pulse / average not less than 180W /0.2W - envelope separation mode (20K) not less than 30W Probing signal power attenuation 8dB, one stage Receiver sensitivity (under 6dB signal/ noise ratio) not worse than -150dBW (-120dBm) Input signal attenuation 10dB x 5 steps Antenna, polarization directional, circular Indication: - audio headphones - visual 4-line LCD Target localization accuracy not less than 0.1m Power supply built-in Li-Ion battery Continuous operational time not less than 4 h	

Model Name	Picture	Model Name	Picture	Model name	Picture
Katran-LUX		Sword-24		PEGASUS LHF	
Types of probing signal: continuous transmission of carrier frequency pulse modulation of carrier frequency continuous transmission of carrier frequency with 1 kHz frequency modulation (CW + FM) Probing signal frequency 800 MHz Analyzed harmonics 2nd and 3rd Output transmission power: - in pulse mode - in continuous transmission mode - in CW + FM mode not less than 15 W not less than 1 W not less than 1 W Dynamic output adjustment range 20 dB, 11 levels Sensitivity of radio receivers not worse that -110 dBm Time of continuous work with one battery at the max. output power: - in pulse carrier frequency mode - in continuous carrier frequency transmission mode (CW) at least 5 hours at least 2 hours Weight of fully equipped device not more than 1.7 kg Total length of the device in working/folded condition 125 cm Total length of the device in folded condition 55 cm		Frequency range： 2.400GHz 2.404GHz - 2.472GHz Receiving 2nd~3rd harmonic range: 4.808GHz-4.944GHz, 7.212GHz-7.416GHz Pulse mode transmit power (max): 0-1W Receive sensitivity: ≤-125dBm Receive dynamic adjustable range: 30dBm Battery working time: 4.5H Battery type: Interactive interface: Lithium battery LED displays received harmonic signal intensity Audio prompts are supported and headphones can be connected Supporting vibration tips >6M Detect penetrability: C-class product complying with GA1236-2015 standard It can penetrate 370mm brick wall and meet the grade C product specified in GA1236-2015 Product dimension: (520mm x 420mm x 148mm)±10mm Transit case dimension: 800 - 1360mm ≤0.52kg±0.05kg Product weight: Transit case weight: 4.7kg Working temperature: -20°C~55 °C Working humidity: Less than 93%, no condensate		Frequency range 883.7 MHz to 888.7 MHz 30dbm (1W) continuous output power The type of radiation is continuous Second Transmitter (HF) Frequency range 2406 MHz to 2414MHz Output power 30dbm (1W) continuous/ 35dbm (3W) per pulse The type of radiation is continuous/pulsed Receivers Receivers for receiving harmonics of the transmitter (LF)Rx frequency for 2nd and 3rd harmonics 1767.4 to 1777.4MHz, 2651.1 to 2666.1MHz Sensitivity – 120 dbm Receivers for receiving harmonics of the transmitter (HF) Rx frequency for 2nd and 3rd harmonics 4812 to 4828MHz, 7218 to 7242MHz Sensitivity – 115 dbm TFT color display 128x160 resolution, 262,000 colors Battery power supply The minimum battery life is 4 hours The weight of the device during operation is not more than 1.8 kg	

Model Name	Picture	Model Name	Picture	Model name	Picture
Winkelman HAWK XTC		LICA 4		SuperBroom	
No Technical description		No Technical description		No Technical description	