



PWYNT TECHNOLOGIES



FLINT⁺AR

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Product Comparison	Flint+ AR-V	Flint+ AR-U
<i>RAIDO CLASSED</i>	Low Frequency	High Frequency
<i>RADIO BAND</i>	134~176MHz	400~470MHz
<i>RANG COVERAGE</i>	10~15KM	7~10Km
<i>CONDITIONS OF RANGE</i>	80~100% of battery capacity	80~100% of battery capacity
<i>DECREASED RANGE</i>	50% of battery capacity will reduce the radio reaching distance to 30% of coverage of less	50% of battery capacity will reduce the radio reaching distance to 10% of coverage of less

SYSTEM

OS	Android 5.1
CPU	MT6735 Quad Core 1.3 GHz
GPU	Mali-T720
RAM	2GB
ROM	16GB
Extend Card	MAX Supports 32GB Class 10 Micro SD Memory Card (TF-Card)

SCREEN

Display Size	4.3 Inch HD
Screen Resolution	WVGA 800 x 480
Screen Type	IPS-LCD, Multi-Touch Capcitive Screen
Display Colour	16 Million Colors

GENERAL

Languages	Default English Etotalk Mod ROM has Italian, Czech, German, Russian, Portuguese, Spanish, French, Dutch, Polish, Romanian, Danish, Greek, Brazil Portuguese, Croatian, Latvian, Lithuanian, Hungarian, Afrikaner, Ethiopic, Indonesian, Malay, Catalan, Norwegian, Roma, Slovak, Slovenian, Finnish, Swedish, Swahili, Filipino, Vietnamese, Turkish, Zulu, Bulgarian, Serbian, Ukrainian, Persian, Hindi, Thai, Korean, Japanese, Arabic, Hebrew, etc
Color	Black / Green
Dimensions	182 x 80 x 33 mm
Net Weight	468g with Battery

CAMERA

Front Camea	13.0 Mega Pixel, Supports Skype Video Calls
Rear Camera	2.0 Mega Pixel / Auto Focus / Flash Light

AVAILABLE ACCESSORIES



BAND

2G	GSM: 850 / 900 / 1800 / 1900 MHz
3G	WCDMA: 850 / 900 / 1900 / 2100 MHz TD_SCDMA: A/F (B34/B39) EVDO: BCO
4G	TD-LTE: 2570-2620 / 1880-1920 / 2300-2400 MHz FDD-LTE: 2100 MHz LTE-FDD: B1 / B2 / B3 / B4 / B5 / B7 / B8 / B17 / B20 LTE-TDD: B38 / B39 / B40 / B41
SAR	0.5 W/kg
SIM Card Slot	Dual Sim Sim 1: LTE / WCDMA / GSM, Sim2: GSM

SUPPORT FORMAT

Audio	MP3, AAC, WAV, etc
Video	AVI, MP4, FLV, 3GP, MOV, ASF, MPEG, RMVB, H.263, H.264, etc

DATA TRANSFER & CONNECTIVITY

Data Transfer	Bluetooth 4.0, USB 2.0
Mobile Internet	Wifi, EDGE, GPRS, UMTS, HSPA, HSPA+
GPS	GPS, A-GPS, Glonass, Beidou

FUNCTIONS / FEATURES

Functions / Features	G-Sensor, P-Sensor, L-Sensor, FM Radio, Wifi, GPS, NFC, OTG, Multi-touch, Dual SIM, Schedule, Power on /off, Missed Calls Notification LED, E-Compass, Hall IC
Sensor	Gravity Sensor, Proximity Sensor, Light Sensor, Magnetic Sensor, Gyroscope Sensor
Battery	Li-Pol Battery 6000 mAh
What's in the box	Battery x1, Earphone / Headset x1, Power Charger x1, USB Cable x1

AIS Carrier Link

Parameter	Characteristics
Frequencies	161.975 and 162.025MHz (channels 87B and 88B)
Wavelength	1.85m
Bandwidth	12.5 and 25.0 kHz
Modulation	Gaussian minimum shift keying (GMSK)
Modulation index	0.25 for 12.5 kHz and 0.5 for 25 kHz
Receiver sensitivity	-107dBm for 25 kHz and -98dBm for 12.5 kHz bandwidth
Bit rate	9600 bit/s
Synchronization	UTC
Message length	26.7 ms (256 bits)
Frame length	1 min (2250 messages)
Capacity	4500 messages/min (for the two AIS channels)
Distance delay	12 bits, equivalent to 202 nm
Access schemes	SOTDMA, ITDMA, RATDMA, FATDMA
Complying IEC 61162/NMEA 0183 to shipboard display and sensor systems	
GMSK (BT=0.3 and 0.5) presents error rate as follows:	

BT product	Error rate	number of errors	total symbols compared
0.3	0,000750	72	9,60E+04
0.5	0,000771	74	9,60E+04