Κγρτο1000
AND DIGITAL MOBILE RADIO

DMR
DIGITAL MOBILE RADIO

Digital mobile radio (DMR) is an open digital mobile radio standard defined in the European Telecommunications Standards Institute (ETSI) Standard TS 102 361.

DMR, along with APCO25 (P25) phase II and NxDN are the main competitor technologies in achieving 6.25 kHz equivalent bandwidth using the proprietary AMBE+2 vocoder. DMR and P25 II both use two-slot TDMA in a 12.5 kHz channel, while NXDN uses discrete 6.25 kHz channels using frequency division.

Krypto1000 and its Control Center allow for full prosecution of data, control and the vocoder carried in digital voice channels of numerous DMR systems and more importantly, in variants of their standards.

For the DMR standard, all of the following manufacturers and variants are supported:

A
- » ANYTALK
- » ANYTONE
- » ARRIVAL
- » ANYSECU

B
- » BAOFENG
- » BENIN
- » BAOJIE
- » BFDX
- » BEIFENG
- » BLACKBOX
- » BELFONE

C
- » CCTF
- » CONNECT SYSTEMS (CS)
- » CHIEF TEK
- » CHIERDA

D
- » DIKASON

H
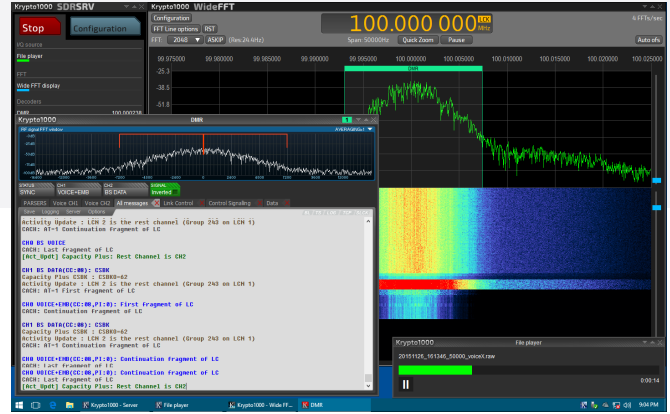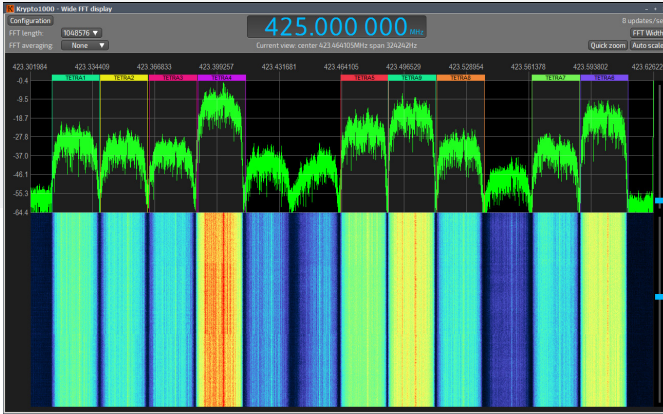- » HIYUNTON
- » HYTERA (HYT)

I
- » ICOM
- » INRICO

J
- » JINWEI
- » JUENTAI

K
- » KANGLONG
- » KMD
- » KENWOOD
- » KST
- » KERUIER
- » KYDERA (KYD)
- » KIRISUN
- » KONTRON

L	» LEIXEN	» LEONARDO
	» LISHENG	
	» LUITON	
M	» MOTOROLA (MOTOTRBO)	
	» MSTAR	
	» MYT RADIO	
N	» NKTECH	» NANFONE
P	» PUXING	
Q	» QUANSHENG	
	» QUANTUN	
R	» RETEVIS	» RADIODDITY
S	» SAINSONIC	
	» SAMCOM	
	» SFD	
	» SIMOCO	

T

» TEAMUP	» TOKMATE
» TERA	» TUSENSHIDAI (TSSD)
» TESUNHO	» TYTERA (TYT)
» TITAN RADIO (TR)	» TAIT

U

» UXD

V

» VERTEX STANDARD

» VITAI

W

» WEIERWEI

» WOUXUN

Y

» YANTON	» YISHENG

ENCRYPTION in DMR, TMR, PMR and LMR systems

Among the many formats in use on the various Digital, Private, Trunked and Land Mobile Radio systems the following are the most common:

» Basic (Privacy)
» Enhanced (40-bit ADP)
» ARC4
» DES and Triple DES
» AES 128-bit and AES 256-bit
» ** DES-OFB (P25 DES)
» ** DVI-XL
» ** DVP-XL

All of the above solutions to encrypted voice used in digital mobile systems are available for use with Krypto1000.

Items marked with *** - please consult with COMINT Consulting first.

HAVE A QUESTION?

We are here to help. And the best thing of all - we will give you an honest and responsible answer to your questions. Contact us today at info@comintconsulting.com!

COMINT consulting

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