

Standard Wi-Fi Interception System

ND-IM005

The ND-IM005 is specially designed and developed for police operations and searching of information leaks in the office premises, government agencies and other structures where access to Wi-Fi networks is possible.

The system consists of 2 main modules:

- Cracking Module (Cracker)
- Interception Module (Interceptor)

The system can work either in passive (monitoring) or active modes. In monitoring mode, the operator can see ALL network users (working, connected, not connected) which are present within system coverage. The operator can create database of MAC addresses, signals levels and all access points of users.

Main Features

- Scanning for Wi-Fi stations and access points
- Capturing 802.11a, 802.11b, 802.11g and 802.11n WLAN traffic
- WEP or WPA/WPA2 keys specification to decrypt encrypted data
- Display of detailed per-node and per-channel statistics
- Display of detailed IP connections statistics: IP addresses, ports, sessions, etc.
- Reconstruction of TCP sessions



Application:
Wi-Fi & Lawful Interception System

Standard Wi-Fi Interception System

Functions

Simultaneous monitoring of wi-fi networks	Up to 4
Frequency band	2.4GHz, 5GHz
Wi-Fi protocol	802.11a/b/g/n
Wi-Fi security protocols	WEP, WPA-Personal, WPA2-Personal, WPA2-PSK
Jamming of wi-fi network	Yes
Interception of HTTPS/SSL Sessions	Yes (MITM)

Coverage

Indoor	Up to 50 meters
Outdoor	Up to 100 meters and more

Internet content reconstruction

Email	IMAP, POP3, SMTP
Webmail	Yahoo Mail, Gmail, Windows Live Hotmail, etc.
IM or Chat	Facebook Messenger(Web), Yahoo Messenger, Gtalk, Web Chat, Skype Voice Call Duration Log, etc.
HTTP	Web Link and Content, Reconstruct, Files Upload and Download, Video Streaming (Youtube, etc.)
HTTPS/SSL Interception	HTTPS decoding and reconstruction with username and password available (with self-signed certificate or Sub-CA certificate available by other party)
File Transfer	FTP Upload/Download, P2P File Sharing (BitTorrent, etc)
VoIP	VoIP (SIP with G.711, G.723, G.729 and iLBC Codecs) can be customized and included (this module is optional)
Telnet	Support with Play Back
Social Media	Facebook, twitter, Google+, Linkedin, etc.
Cloud Service	CDR of Dropbox, Evernote
Geo-location Service	Google Location Service, GIS Data from Facebook
Video	Youtube, etc.

Deliverables

Wi-Fi Interceptor	x 1
Wi-Fi Cracking	x 1 (or several)
Wireless Adaptors	x 2
Power Adaptor	x 1
Set of Cables	x 1
Transportation Case	x 1
User Manual	x 1