



High-end Wi-Fi Interception System

ND-IM006

The ND-IM006 as the high-end version adopts the advanced technology and has more powerful performance in intercepting and monitoring information and data via networks.

The system consists of 4 main modules:

- Cracking Module (Penetrator)
- Interception Module (Interceptor)
- Localization Module (Air Check)
- Long-term Mobile Operation Carrier

The system has powerful functions of intercepting/RF jamming on Wireless Traffic over the Air, intercepting on Wired Traffic in the LAN and as SSL proxy for interception on HTTPS Traffic at both LAN and WLAN.

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 datas
- 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

High-end 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 and 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

Extension op.

Long-term mobile operation carrier	Up to 6 hours (depending on circumstances)
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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
Frontend Surveillance AP	x 2
Power Adaptor	x 1
Set of Cables	x 1
Transportation Case	x 1 set
User Manual	x 1