

Software-hardware list

Chapter number	Software required (With version)	Hardware specifications	OS required
1	Win32 Disk Imager PuTTY	Raspberry Pi Zero Raspberry Pi 2 Model B Raspberry Pi 3 Model B Desktop PC These are required throughout	Raspbian Jessie 2016-05-27 Windows 7/8/10 Linux / Mac OS X
2	sox (Deb Package) lame (Deb Package) tmux (Deb Package) bluez5 (pi-bluetooth) (Deb Package) espeak (Deb Package) sipwitch (Deb Package) MicroSIP 3.12 (Windows) Telephone (Mac OS X) Ring (Linux) CSipSimple (Android) Linphone (iOS) PiAUISuite (Debian)	USB Sound Card (e.g. Formosa AS301 or Plugable Audio Adapter) Headset and/or Microphone Raspberry Pi Zero Connector Kit Low-profile micro-USB converters Li-on Power Bank USB Bluetooth Adapter Bluetooth Headset or Speaker	
3	raspivid (Deb Package) omxplayer (Deb Package) fswebcam (Deb Package) uvcdynctrl (Deb Package) ffmpeg (Deb Package) Motion (Debian) MotionEye (Debian) VLC Media Player WebcamXP (Windows) libCEC (Deb Package)	Raspberry Pi Camera Module USB Webcam	
4	Kismet (Deb Package)	USB Wi-Fi Adapter (e.g. Wi-Pi)	

	Nmap (Deb Package) ettercap (Deb Package) elinks (Deb Package) Wireshark dnsutils (Deb Package) inadyn (Deb Package) PuTTY Profanity (Debian)	Network Router	
5	hostapd (Deb Package) bridge-utils (Deb Package) sg3-utils (Deb Package) tor (Deb Package) gpsd (Deb Package) gpsd-clients (Deb Package) RaspiSSH (Android) SSH Remote (iOS) ttytter (Deb Package) ssmtp (Deb Package) mpack (Deb Package) cryptsetup (Deb Package) FreeOTFE Explorer (Windows) ecryptfs PiFM	Lithium Battery Pack Network Cable USB Wi-Fi Adapter 3G/4G Modem GPS Receiver (e.g. Ublox7) Raspberry Pi Zero	
6	tshark (Deb Package) minicom (Deb Package) rngtools (Deb Package)	Waveshare Laser Sensor Module Passive IR motion detector Smartphone with Wi-Fi Ciseco Pi-Lite Board USB to 3.3V TTL Serial Converter	