

# LTE MODEM



ELIPS SYSTEMS

NG-1



THE INTELLIGENT GSM/GPRS/EDGE/3G/LTE

ANTENNA



SMART POWER SUPPLY



## MODEM FEATURES :



### QUAD BAND

GSM/GPRS/EDGE 850/900/1800/1900 MHZ  
WCDMA 900/2100 MHZ  
LTE 900/1800/2100/2300



AUTO DELETE SMS, CALL SCREENING/BLOCKER  
AUTO CONNECT GPRS/3G/LTE  
REMOTE SMS SETTING  
REMOTE FIRMWARE UPGRADE (OTA)



SMART POWER SUPPLY  
SERVER MODE/CLIENT MODE  
INDUSTRIAL CLASS COMPONENT

**SESUAI SPLN D3.023:2013**



**PT. OTHO METRONIK INDONESIA**

JL. ALTERNATIF TENSAW, GANG SAUKI RT 004 RW 005  
PASIR MUKTI, CITEUREUP - BOGOR  
021 - 50111581



umum@otho-metronik.com

## SPESIFIKASI TEKNIS MODEM 4G



▪ Merk	:	Elips Systems
▪ Type	:	NG-1
▪ Buatan	:	Indonesia
▪ Standarisasi	:	SPLN D3.023:2013
▪ Bandwidth	:	GSM/GPRS/EDGE 850/900/1800/1900 MHz WCDMA 900/2100 LTE 900/1800/2100/2300
▪ Support Protocol	:	TCP/UDP/FTP/DNS
▪ Kelas GPRS	:	Kelas B Multislot 12
▪ Kecepatan Transfer Layanan Data	:	<ul style="list-style-type: none"> <li>▪ GPRS <ul style="list-style-type: none"> <li>▪ Max. 85.6 Kbps (DL)</li> <li>▪ Max. 85.6 Kbps (UL)</li> </ul> </li> <li>▪ EDGE <ul style="list-style-type: none"> <li>▪ Max. 236.8 Kbps (DL)</li> <li>▪ Max. 236.8 Kbps (UL)</li> </ul> </li> <li>▪ WCDMA <ul style="list-style-type: none"> <li>▪ Max.384Kbps(DL)</li> <li>▪ Max.384Kbps(UL)</li> </ul> </li> <li>▪ TDD LTE <ul style="list-style-type: none"> <li>▪ Max. 61Mbps(DL)</li> <li>▪ Max.18Mbps(UL)</li> </ul> </li> <li>▪ FDD LTE <ul style="list-style-type: none"> <li>▪ Max. 100Mbps(DL)</li> <li>▪ Max.50Mbps(UL)</li> </ul> </li> </ul>
▪ Bahasa Firmware	:	Bahasa C Open AT
▪ SIM Card Support	:	1.8 / 3 VDC
▪ Memory	:	Non Volatile Memory 4 MB dan 4 MB RAM
▪ SMS	:	Text dan PDU Mode
▪ Casing	:	Plastik
▪ Tingkat Perlindungan	:	IP54
▪ Julat Tegangan Operasi	:	5 – 32 VDC
▪ Konsumsi Daya	:	Maximal 0.4 VA selama posisi standby (tidak berkomunikasi) Maximal 4 VA selama komunikasi
▪ Operating Temperatur	:	-25°C - +75°C
▪ Power Supply	:	<ul style="list-style-type: none"> <li>▪ Tegangan Input 85 – 250 VAC 0.5 A (Auto Range)</li> <li>▪ Tegangan Output 10-14 VDC +/- 1.25 A</li> <li>▪ Power Supply dapat restart yang waktunya bisa diatur sesuai kebutuhan</li> <li>▪ Fungsi Demo Auto Restart</li> </ul>
▪ Antena	:	<ul style="list-style-type: none"> <li>▪ Minimal 5 dBi</li> <li>▪ Antena type omni directional helical dengan Connector SMA dengan SWR maksimum 1.2</li> <li>▪ Panjang Kabel antena minimal 2 meter</li> </ul>

▪ Port Komunikasi	:	<ul style="list-style-type: none"> <li>▪ RS232 To RJ45 (atau RS232 to DB9 Female (optional))</li> <li>▪ Panjang kabel data 100 cm</li> </ul>
▪ Indikator LED	:	Indikator LED berjumlah satu dengan warna merah <ul style="list-style-type: none"> <li>▪ Indikator pencarian sinyal</li> <li>▪ Indikator GSM siaga (standby)</li> <li>▪ Indikator internet aktif</li> <li>▪ Indikator saat berkomunikasi</li> <li>▪ Indikator gangguan (Hang)</li> </ul>
▪ Setting Modem	:	Setting modem dengan AT Command melalui : <ul style="list-style-type: none"> <li>▪ Hyperterminal</li> <li>▪ Software setting modem</li> <li>▪ SMS</li> <li>▪ TCP</li> </ul>
▪ Fitur Modem	:	<ul style="list-style-type: none"> <li>▪ Modem auto restart (waktunya Bisa diatur sesuai kebutuhan) melalui soft reset / hard reset dan otomatis restore</li> <li>▪ Auto delete SMS</li> <li>▪ Call Screening / Call Blocker</li> <li>▪ Konfigurasi / Setting melalui SMS</li> <li>▪ Remote Firmware Upgrade (OTA)</li> <li>▪ Server Mode dan Client Mode</li> </ul>
▪ AMR Support	:	Support dengan system AMR PLN : <ul style="list-style-type: none"> <li>▪ AMICON</li> <li>▪ AISYSTEM</li> <li>▪ AMETYS</li> <li>▪ WILLIS</li> </ul>
▪ Dimensi	:	72 mm x 63.5 mm x 24 mm