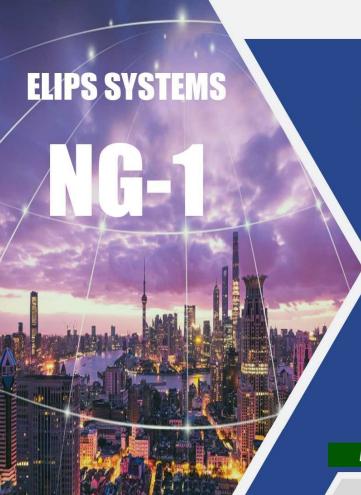
## **LTE MODEM**







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

ANTENNA





**SMART POWER SUPPLY** 





**OUAD 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



## **SPESIFIKASI TEKNIS MODEM 4G**

0	Т	н	0

• Merk	:	Elips Systems
■ Type	:	NG-1
<ul> <li>Buatan</li> </ul>	:	Indonesia
<ul> <li>Standarisasi</li> </ul>	:	SPLN D3.023:2013
- Bandwidth	:	GSM/GPRS/EDGE
Danawaan	١.	850/900/1800/1900 MHz
		WCDMA 900/2100
		LTE 900/1800/2100/2300
■ Support	:	TCP/UDP/FTP/DNS
Protocol		
Kelas GPRS	:	Kelas B Multislot 12
Kecepatan	:	• GPRS
·	٠.	
Transfer		• Max. 85.6 Kbps (DL)
Layanan Data		<ul> <li>Max. 85.6 Kbps (UL)</li> </ul>
		■ EDGE
		<ul> <li>Max. 236.8 Kbps (DL)</li> </ul>
		<ul> <li>Max. 236.8 Kbps (UL)</li> </ul>
		• WCDMA
		<ul><li>Max.384Kbps(DL)</li></ul>
		<ul><li>Max.384Kbps(UL)</li></ul>
		• TDD LTE
		<ul><li>Max. 61Mbps(DL)</li></ul>
		<ul><li>Max.18Mbps(UL)</li></ul>
		• FDD LTE
		<ul><li>Max. 100Mbps(DL)</li></ul>
		• Max.50Mbps(UL)
<ul> <li>Bahasa</li> </ul>	:	Bahasa C
Firmware		Open AT
<ul> <li>SIM Card</li> </ul>	:	1.8 / 3 VDC
Support		
- Memory	:	Non Volatile Memory 4 MB dan
,		4 MB RAM
- CNAC	_	
• SMS	:	Text dan PDU Mode
Casing	:	Plastik
<ul><li>Tingkat</li></ul>	:	IP54
Perlindungan		
Julat Tegangan	:	5 – 32 VDC
Operasi		
-	-	Maximal 0.4 VA solama nosisi
Konsumsi Daya	:	Maximal 0.4 VA selama posisi
		standby (tidak berkomunikasi)
		Maximal 4 VA selama komunikasi
<ul> <li>Operating</li> </ul>	:	-25°C - +75°C
Temperatur		
• Power Supply	:	■ Tegangan Input 85 – 250 VAC
		0.5 A (Auto Range)
		, ,
		■ Tegangan Output 10-14 VDC
		+/- 1.25 A
		<ul><li>Power Supply dapat restart yang</li></ul>
		waktunya bisa diatur sesuai
		kebutuhan
		■ Fungsi Demo Auto Restart
• Antena	:	• Minimal 5 dBi
Antena	•	
		Antena type omni directional helical
		dengan Connector SMAdengan SWR
		maksimum 1.2
		<ul> <li>Panjang Kabel antena minimal 2</li> </ul>
		meter
Ī		

■ Port	:	■ RS232 To RJ45	
Komunikasi		(atau RS232 to DB9 Female (optional))	
		■ Panjang kabel data 100 cm	
<ul> <li>Indikator LED</li> </ul>	:	Indikator LED berjumlah satu dengan	
		warna merah	
		<ul> <li>Indikator pencarian sinyal</li> </ul>	
		<ul><li>Indikator GSM siaga (standby)</li></ul>	
		<ul> <li>Indikator internet aktif</li> </ul>	
		<ul><li>Indikator saat berkomunikasi</li></ul>	
		<ul><li>Indikator gangguan (Hang)</li></ul>	
<ul><li>Setting Modem</li></ul>	:	Setting modem dengan AT Command	
		melalui :	
		<ul><li>Hyperterminal</li></ul>	
		<ul><li>Software setting modem</li></ul>	
		• SMS	
		■ TCP	
<ul> <li>Fiture Modem</li> </ul>	:	<ul> <li>Modem auto restart (waktunya</li> </ul>	
		Bisa diatur sesuai kebutuhan)	
		melalui soft reset / hard reset	
		dan otomatis restore	
		■ Auto delete SMS	
		<ul><li>Call Screening / Call Blocker</li></ul>	
		<ul><li>Konfigurasi / Setting melalui SMS</li></ul>	
		<ul><li>Remote Firmware Upgrade (OTA)</li></ul>	
		<ul> <li>Server Mode dan Client Mode</li> </ul>	
<ul> <li>AMR Support</li> </ul>	:	Support dengan system AMR PLN :	
		- AMICON	
		- AISYSTEM	
		- AMETYS	
		• WILLIS	
<ul> <li>Dimensi</li> </ul>	:	72 mm x 63.5 mm x 24 mm	