

# TERMO DE ACEITE TÉCNICO

**Solicitante:** ATI - Agência de Tecnologia da Informação do Estado do Piauí

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**Data Instalação**  
24/11/2018

**Data Ativação**  
24/11/2018

**Unidade:** Quadra de Esportes  
Gutemberg Maciel

**Município:** Valença do Piauí

**Coordenadas:** 5°8'25.00"S 42°47'10.00"W

**Operadora**  
Global Eagle

**VSAT-ID**  
ATI-PU-0187-OUT

**Porta kbps**  
1024/256

**Tipo**  
Outdoor

Piauí, 24 de novembro de 2018

## 1 – Local da Instalação



## 2 – Configurações do Modem

# device show

System Information:

Name : ATI-PU-0187-OUT  
Location : Valença do Piauí - PI  
Contact :  
System Up time : 1 day, 09:11:34  
CPU Load : 8%  
System time(UTC) : 26 November 2018 07:38:59  
Broadcast Message : not set

#### HW:

Model : SatLink 2000  
HW ID : 120033  
Main board ID : 120026 R6.2

#### MAC addresses:

LAN : 00:20:0e:10:94:de  
Satellite (DVB) : 00:20:0e:10:94:de

#### # dvb tx show

#### Satellite (DVB) TX Configuration

-----  
Auto start : Enabled  
BUPC status : Disabled  
IDU Output Power : -22 dBm  
IDU Max Output Power: 0.0 dBm  
Default CW Frequency: 0.000000 GHz  
ATM mode : VC-Mux  
Header Compression : None

#### Satellite (DVB) Transmitter Status

-----  
State : On (DVB-RCS2)  
IDU Output Power : -22.0 dBm  
Es/No : 13.5 dB  
Header Compression : Disabled  
Timing correction : -123 us (249813 us)  
Frequency correction: 30 Hz  
# dvb rx show

#### Satellite (DVB) RX Configuration

-----  
Auto start : Enabled  
Max Signalling MODCOD : 23 16APSK-9/10  
Max Traffic MODCOD : 28 32APSK-9/10  
RX watchdog : 15 minute

Idx	Pri	SymbRate[Msps]	Freq[GHz]	Mode	PopId	SatId	Pos	SatName	Name	Enable
* 0	0	25.000000	11.628079	DVB-S2	105	0	0.0 E		Yes	

#### Satellite (DVB) Receiver Status

-----  
Rx State : On  
DVB State : Forward link up  
Network : 1326, ATI-PI  
Frequency : 11.628091 GHz  
Symbol Rate : 24.999778 Msps  
S2 ModCod  
- receiving : 1 QPSK-1/4  
- current max : 21 16APSK-5/6  
Pilot : On  
Frame length : Short  
DVB S2 Mode : ACM

DVB S2 Stream type : MPEG-TS

Roll off : 0.25

SNR : 16.9 dB

Input Power : -30 dBm

# arp show

NetAddr	State	MacAddr	If
10.225.2.246	Dynamic	00:90:27:f0:85:cc	1

# ip show

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.2.245	255.255.255.252	10.225.2.247	1500	eth0	1
3	172.18.193.47	255.255.255.255	N/A	1540	dvb0	1
4	N/A	N/A	N/A	1500	air0	1

DNS Client Configuration

Primary DNS Server: 209.244.0.3, Secondary DNS Server: 209.244.0.4

Interface Statistics

----- Input ----- Output -----

If	UCast	NUCast	Disc	Octets	UCast	NUCast	Disc	Octets
1	2492570	7	0	274284922	4089828	960	0	661026844
3	4112187	0	6	831015468	1405375	0	110	189461911
4	0	0	0	0	0	0	0	0

IP	Receive	Deliver	Errors	InDiscards	Forward	Request	NoRoute	OutDiscards
	6601803	923	0	0	5500028	1985	0	8

Interface Directed Routing Table

In If Out If

-----IP LAC Statistics-----

RPF	Src eq dest	RPF HitCount	SrceqdestHitCount	MfcHitCount (-1/drop classified)
Disabled	Enabled	0	0	0

Routing Table

DestMask	RouteMask	NextHop	If	RtType	Row-Status
0.0.0.0	0.0.0.0	0.0.0.0	3	STATIC	ACTIVE
10.225.2.244	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.199.0	255.255.255.0	10.225.2.246	1	STATIC	ACTIVE
172.18.193.47	255.255.255.255	0.0.0.0	3	LOCAL	ACTIVE

### 3 – Configurações dos Equipamentos

Configurações de Rede

Configurações						
Interfaces						
Roteamento Estático						
Roteamento Dinâmico						
Configurações IPv6						
Controle de Banda						
H.A.						
Status	Interface	Endereço	Gateway	Tipo	Zona	Ação
	eth0	10.225.2.246/30	-	Física	WAN	
	eth1	10.225.199.1/24	-	Física	LAN	
	eth2	-	-	Física	-	
	eth3	-	-	Física	-	

10.225.2.246 - PuTTY

```
admin >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
    inet 10.225.2.246  netmask 255.255.255.252  broadcast 10.225.2.247
    ether 00:90:27:f0:85:cc  txqueuelen 10000  (Ethernet)
    RX packets 20567  bytes 10320649 (9.8 MiB)
    RX errors 0  dropped 0  overruns 0  frame 0
    TX packets 12789  bytes 1523794 (1.4 MiB)
    TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0
    device interrupt 16  memory 0xfe8e0000-fe900000

eth1: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
    inet 10.225.199.1  netmask 255.255.255.0  broadcast 10.225.199.255
    ether 00:90:27:f0:85:cd  txqueuelen 10000  (Ethernet)
    RX packets 13370  bytes 1579616 (1.5 MiB)
    RX errors 0  dropped 0  overruns 0  frame 0
    TX packets 20478  bytes 10309965 (9.8 MiB)
    TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0
    device interrupt 17  memory 0xfe9e0000-fea00000

lo: flags=73<UP,LOOPBACK,RUNNING>  mtu 65536
    inet 127.0.0.1  netmask 255.0.0.0
    loop  txqueuelen 1  (Local Loopback)
    RX packets 10577  bytes 7212141 (6.8 MiB)
    RX errors 0  dropped 0  overruns 0  frame 0
    TX packets 10577  bytes 7212141 (6.8 MiB)
    TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

admin >
```

36%



19:14

sáb, 24 de nov 06:50



Piaui\_Conectad ▼

Bluetooth ▼

Vivo ▼



Não perturbe

H+



Vivo

G



Claro BR



Modo avião



Retrato



Lanterna



Localização



Transmitir



Roteador Wi-Fi

4 – Teste de Velocidade -Download/Upload

