## MIKROTIK SXT LTE

Guida ufficiale: https://help.mikrotik.com/docs/display/UM/SXT+kit-series

INDIRIZZO IP: 192.168.88.1

PASSWORD: Admin1234

Per accedere all'interfaccia web del router, aprire una pagina browser, digitare l'indirizzo nella barra di ricerca e inserire le credenziali fornite (o in alternativa scarica Winbox dal sito Mikrotik)

**1-** PIN & APN: Cliccare su "Interfaces" -> "Interface" -> "Ite1" e inserire nei campi specifici i dati della sim.

CAPSMAN	RouterOS v	6.48.4 (stable)		Quick Set	WebFig	Terminal	
🔉 Wireless							
Interfaces	_					Intern	ace <ite1></ite1>
T PPP		and tests					
30 Bridge		Appiy	Scan Ceil Monitor Loron				
T Switch	ant involid an	neles Lost da					
Mesh	noc invalid ro	mining   not sid					
315 IP ►		Enabled					
O MPLS ►							
JI Routing							General
System >	-	Name	lte1				
Se Queues							
Dot1X	-	Туре	LTE				
Files	-	MTU	1480				
Log							
Tasla	-	Actual MTU	1480				
MakeBOUTED	-	1.2 MTH					
Pretakoonek	-	12 1110					
Make Supput rif		MAC Address	AC:FF:FF:00:00:00				
A Hada	1		205M 23G				
A Ondo	N	etwork Mode					
(P Kebb	-						
Hide Passwords	-						
J Sale Mode	-	Bands	·				
Uesign skin	-						
WinBox							
Graphs	-	PIN					
End-Oser License	-	Operator	•				
			-				
		Modem Init	•				
		APN Profile	▼ [default v] ▲				
	All	low Roaming					
		Manufacturer	"MikroTik"				
		Model	"Riie-UTE"				
		Revision	"MikroTik_CP_2.160.000_v012"				
							Collular

## **2-** RETE LOCALE: Cliccare su "IP" -> "Addresses" per cambiare impostazioni classe di rete.

CAPSMAN			~~~							
Wireless		ROUTCPUS v6.48.4 (stable)								
Interfaces	-									
1 PPP	_									
S Bridge	_	Add Ne	w							
- Switch	_									
" Mesh	_	2 items	;							
255 TP	*				Network	Interface				
ARP		-	D	+ 10 18 22 188/32	10 18 22 188	Itel				
Accounting		···· defc	onf	10.10.22.100/32	10.10.22.100	iter .				
Addresses		- D		192 168 88 1/24	192 168 88 0	bridge				
Cloud			-	152.100.00.1/24		bridge				
DHCP Client										
DHCP Relay										
DHCP Server										
DNS										
Firewall										
Hotspot										
IPsec										
Kid Control										
Neighbors										
Packing										
Pool										
Routes										
SMB										
SNMP										
Services										
Settings										
Socks										
TFTP										
Traffic Flow										
UPnP										
Web Proxy										
O MPLS	•									
🕽 Routing	►									
💭 System	►									
💂 Queues										
Dot1X										
📔 Files										
Log										
2 RADIUS										
X Tools 192.168.88.1/webfig/	#CAP	sMAN								

3- DHCP: Cliccare su "IP" -> "DHCP Server" -> "DHCP" per la configurazione completa, per modificare il pool di indirizzi cliccare su "IP" -> "Pool" -> "Pools" e inserire il range richiesto.

CAD-MAN												 _
	Route	erOS v6.4	3.4 (stable)									
C Wireless			<b>.</b>				<b>C</b>					
Interfaces	рнср	Networks	Leases	Options	Option Set	s vendoi	r Classes	Alerts				
The PPP												
👯 Bridge	Add Ne	DHCP	Config DH	CP Setup								
The Switch												
ិ 🕻 Mesh	1 item											
255 IP V										Add		
ARP		* P	lame	Interf	ace	Relay	Lease T	ime	Pool	ARP For Leases		
Accounting	- D	def	conf	bridae			00:10:0	0	default-dhcp	no		
Addresses								-				
Cloud												
DHCP Client												
DHCP Relay												
DHCP Server												
DNS												
Firewall												
Hotspot												
IPsec												
Kid Control												
Neighbors												
Packing												
Pool												
Routes												
SMB												
SNMP												
Services												

CAPsMAN	RouterOS	6 49 4 (ctable)							
💭 Wireless	Trouter 05 W	0.40.4 (Stuble)							
Interfaces	Pools Used A	Addresses							
The second secon	1								
🕃 Bridge	Add New								
🙄 Switch									
° 🕻 Mesh	1 item	1 item							
255 IP V		▲ Name	Addresses	Next Pool					
ARP	-	💠 default-dhcp	192.168.88.10-192.168.88.254	none					
Accounting									
Addresses									
Cloud									
DHCP Client									
DHCP Relay									
DHCP Server									
DNS									
Firewall									
Hotspot									
IPsec									
Kid Control									
Neighbors									
Packing									
Pool									
Routes									
SMB									
SNMP									
Services									
Settings									
Socks									
TFTP									
Traffic Flow									
UPnP									
Web Proxy									

## 4- FIREWALL: Cliccare su "IP" -> "Firewall" -> "NAT" per impostare una DMZ o un port forwarding.

Interface         Protection         Address Lists         Laver? Protocols           interface         File Rules         Add reas         Service Ports         Connections         Address Lists         Laver? Protocols           interface         File Rules         Add reas         Service Ports         Connections         Address         Service Ports         Servi	CAPSMAN	RouterOS us 48.4 (dable)																	
Interfaces         PP           2 PP         Add New         Rescie Ports         Connections         Address Lists         Layer? Protocols           2 Switch         Add New         Rescient All Counters         Interf.         Out         Interf.         Out         Interf.         Staderss Date         Date         Prot.         Src. Port         Dst. Port         Any. Port         Interf.         Out         Interf.         Uniterf.         Staderss Date         Date         Park         Address         Date         Park         Not         Not <td>Q Wireless</td> <td colspan="10"></td>	Q Wireless																		
• proper       • Proproper       • Proper       • Proper	Interfaces	Filter Rules	NAT I	Mangle Ray	w Service	Ports Co	nnections Ad	ldress Lists	Layer7 Pr	otocols									
12 minge       12 minge <th< td=""><td>The PPP</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>	The PPP																		
Weak       Item         31 P       V         Accounting       Addresse       Addresse       Poct.       Src. Pot       Dst. Pot       Any. Pot       Interf       Uniterf       List       Src.       Dst. List       Src.       Nov.       <	💥 Bridge	Add New R	Add New Reset All Counters																
** Meah       1 Item         12: 10        #       Action       Chain       Src. pot Src. pot Address       Det. Pot       Any. Pot       Interl.       Interl.<	🙄 Switch																		
AAP   AAP   AAP   AAP   AAP   Accounting   Accounting   Dideesses   Cloud   DHCP Clent   DHCP Relay   DHCP Server   ONS   Firewall   Hotspool   Rotspool   Rotspool   Rotspool   Rotspool   Rotspool   Serving   Serving   Serving   Serving   Pool   Time   Not   Service   Pool   Rotspool   Rotspool   Rotspool   Shift   Shift   Shift   Shift   Service   Service   Shift   Shif	°] <mark>°</mark> Mesh	1 item																	
Asp       #       Action       Chain       Process Addresss       Process Addresss       Process       No. Port       Interf       Unterf       Interf       List       Interf       List       List<	255 IP 🔻					6	D-t					T.,.	Out	In.	Out.	Src.	Dst.		
Accounting       Addresses	ARP		#	Action	Chain	Address	Address	Prot	Src. Port	Dst. Port	Any. Port	Interf	Interf	Interf	Interf	Address	Address	Bytes	Packets
Addresses       WAN       9.3 KB       149         Cloud       DHCP Clent       DHCP Clent       Hanguer, sront       Hanguer,	Accounting	::: defconf: m	asquerad	le										List	List	2.51	List		
Cloud     DicC Client       DicC Relay     DicS       Firewall     Hotspot       Hotspot     Packing       Packing       Packing       Pool       Routes       SMMP       Services       Settings       Socka       Traffic Flow       UpP P       UpP P	Addresses	- D	0	till masque	ri srcnat										WAN			9.3 KiB	149
DHCP Client   DHCP Relay   DHCP Server   DNS   Firewall   Hotspot   IPsec   Kid Control   Neighbors   Packing   Pool   Routes   SNB   SNMP   Services   Services   Settings   Socks   Traffic Flow   UpnP	Cloud		-																
DHCP Relay DHCP Server DNS Firewall Hotspot Firewall Neighbors Packing Packing Pool Routes SMB SMMP Services Settings Socks TrTP Traffic Flow	DHCP Client																		
DHCP Server   DNS   Firewall   Hotspot   IPsec   Kid Control   Neighbors   Packing   Pool   Routes   SMB   SHMP   Services   Setrings   Socks   Traffic Flow   Urb P	DHCP Relay																		
DNS Firewall Hotspot IIFsec Kid Control Neighbors Packing Packing Pool Routes SMB SMMP Services Settings Services Settings Socks TTFP Traffic Flow	DHCP Server																		
Frewall   Hotspot   IPsec   Kid Control   Neighbors   Pool   Routes   SMB   SNMP   Services   Settings   Socks   TFTP   Traffic Flow   Ump P	DNS																		
Hotspot   IPsec   Kid Control   Neighbors   Packing   Pool   Routes   SMB   SNMP   Services   Settings   Socks   TFTP   Traffic Flow   UmP	Firewall																		
IPsec Kid Control Neighbors Packing Pool Routes SMB SMB SMB SMNP Services Settings Socks TFTP Traffic Flow UPnP	Hotspot																		
Kid Control   Neighbors   Packing   Pool   Routes   SMB   SNMP   Services   Settings   Socks   TFTP   Traffic Flow   UPpP	IPsec																		
Neighbors Packing Pool Routes SMB SNMP Services Services Settings Socks TFTP Traffic Flow UPnP	Kid Control																		
Packing Pool Routes SMB SMB Services Services Services Sectings Socks TFTP Traffic Flow UPnP	Neighbors																		
Pool Routes SMB SNMP Services Services Sectings Socks TFTP Traffic Flow UPnP	Packing																		
Routes SMB SNMP Services Setrigs Settings TFTP Traffic Flow UPnP	Pool																		
SMB SNMP Services Settings Socks TFTP Traffic Flow UPnP Who Porce	Routes																		
SNMP Services Settings Socks TFTP Traffic Flow UPnP	SMB																		
Services Settings Socks TFTP Traffic Flow UPnP Web Descent	SNMP																		
Settings Socks TFTP Traffic Flow UPnP	Services																		
Socks TETP Traffic Flow UPnP Whe Demonstrate	Settings																		
TFTP Traffic Flow UPnP Whe Descent	Socks																		
Traffic Flow Unp	TFTP																		
UPnP	Traffic Flow																		
Web Deres	UPnP																		
web Proxy	Web Proxy																		

 5- VPN: Cliccare su "Interfaces" -> "Interface" -> "+" e selezionare il servizio richiesto per procedere con la configurazione (ad esempio L2TP per ip statico)

CAPSMAN	RouterOS v6 49 4	(ctable)											
Wireless	Router 0.5 Vo.46.4	(suble)											
Interfaces	Interface Interface	List Ethe	ernet EoIP Tunne	el IP Tunnel O	GRE Tunnel	VLAN	VRRP	Bonding	LTE				
The PPP													
👯 Bridge	Add New ▼ Detect	t Internet											
🙄 Switch	VRRP												
°  <mark>°</mark> Mesh	EoIP Tunnel												
🕂 IP 🔻	IP Tunnel	-	Turne	A should be Th	1.2 MTH	Ter		0			De Dachat (n (a)	ED T	ED Du
ARP	VLAN	e	туре	Actual Mito	LZMIU	IX		ĸx		TX Packet (p/s)	KX Packet (p/s)	FP IX	PP KX
Accounting	Mesh												
Addresses	VPLS	lge	Bridge	1500	1598	68.3 kbp	s	5.0 kb	ps	6	3	0 bps	5.0 kbps
Cloud	Traffic Eng Interface	er1	Ethernet	1500	1598	68.5 kbp	s	5.0 kb	ps	6	3	68.8 kbps	5.0 kbps
DHCP Client	GRE Tunnel	er2	Ethernet	1500	1598	0 bps		0 bps		0	0	0 bps	0 bps
DHCP Relay	CAP Interface	-	LTE	1480		0 bps		0 bps		0	0	0 bps	0 bps
DHCP Server	W60G Station												
DNS	PPTP Server Binding												
Firewall	PPPoE Server Binding												
Hotspot	PPPoE Client												
IPsec	PPP Server												
Kid Control	L2TP Server Binding												
Neighbors	L2TP Client												
Packing	OVPN Client												
Pool	SSTP Server Binding												
Routes	SSTP Client												
SMB	Virtual												
SNMP	WDS Netreme Dual												
Services	Noterile Duar												
Settings													
Socks													
TFTP													
Traffic Flow													
UPnP													
Web Proxy													

**6-** STATO DI RETE: Cliccare su "Interfaces" -> "Interface" -> "Ite1" e scorrere la schermata per visualizzare le informazioni sullo stato della connessione (banda, cella, tipo di connessione, segnale).

CAPSMAN							
Q Wireless							
Interfaces							
The PPP							
💥 Bridge	OK Cancel Apply	Scan Cell Monitor Torch					
🙄 Switch							
° 🕻 Mesh	not invalid running not slave						
🏥 IP 🛛 🔻	Enabled	P2					
ARP							
Accounting							
Addresses							
Cloud	Name	iten					
DHCP Client	Туре	LTE					
DHCP Relay							
DHCP Server	мти	1480					
DNS	Actual MTU	1480					
Firewall							
Hotspot	L2 MTU						
IPsec	MAC Address	AC-E5-55-00-00-00					
Kid Control	MAC Address	ACIFIFFIOU0000					
Neighbors	Network Mode	CSM Z3G					
Packing	Network Houe						
Pool							
Routes	Paula	_					
SMB	Bands	•					
SNMP							
Services	DTN	• [mm]					
Settings							
Socks	Operator	<b>▼</b>					
TFTP							
Traffic Flow	Modem Init	•					
UPnP	APN Profile	▼ default v ▲					
Web Proxy							

EARFCN	6200 (band 20, bandwidth 10Mhz)
Session Uptime	00:32:28
RSRP	-101 dBm
RSRQ	-15.0 dB
SINR	-1 dB

7- PASSWORD ADMIN & NOME ROUTER: Cliccare su "System" -> "Users" -> "admin" -> "Password" per modificare la password di accesso di amministratore; per cambiare il nome del dispositivo

cliccare su "System" -> "Identity".

CAPsMAN	PolyterOS of an a (applie)
Wireless	
Interfaces	Users Groups SSH Keys SSH Private Keys Active Users
tan PPP	
👯 Bridge	Add New AAA
🙄 Switch	
° 🕻 Mesh	1 item
255 IP 🕨	· ▲ Name Group Allowed Address Last Logged In
MPLS •	;;; system default user
📝 Routing 🛛 🕨 🕨	- D admin full
💭 System 🛛 🔻	
Auto Upgrade	
Certificates	
Clock	
Console	
Disks	
History	
Identity	
LEDs	
License	
Logging	
Note	
Packages	
Password	
Ports	
Reboot	
Reset Configuration	
Resources	
RouterBOARD	
SNTP Client	
Scheduler	
Scripts	
Shutdown	
Special Login	
Users	

CAPsMAN	RouterOS v6 48 4 (stable)								
😱 Wireless									
Interfaces									
늘 PPP									
👫 Bridge	Apply								
🙄 Switch									
° 🕻 Mesh	Identity MikroTik								
155 IP 🕨									
🕑 MPLS 📃 🕨									
📌 Routing 💦 🕨 🕨									
🔯 System 🔹 🔻									
Auto Upgrade									
Certificates									
Clock									
Console									
Disks									
History									
Identity									