

DT-X30







Overview

•DT-X30 GPRS specification
•Hardware- and Software Layer
•Dialup and Network setup
•WAN setting Tool



DT-X30 GPRS Specification



- GPRS built-in
- Quadband GSM 850/900/1800/1900
- Output power 2W (GSM850/900) 1W (GSM 1800/1900)
- GPRS Multi-slot Class 12
- EDGE (E-GPRS) Multi-slot class 10
- CSD (data) max. 14.4 kbps
- GPRS max. 56 kbps
- EDGE max. 236.8 kbps





DT-X30 GPRS Specification



- EDGE \rightarrow 59,2 kbit/s (each channel)
- EDGE Class 10 means:
 - max. 4 downlinks (220 kbit/s*)
 - max. 2 uplinks (110 kbit/s*)
 - *depending from signal quality and base station free slots





DT-X30 GPRS Specification



- Communication Port
 - e.g. for RAS connection
- Management Port
 - for Sim card access
 - for module information
 - for status information like signal strength etc.

Both Ports can be used at SAME time!





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HW and SW Layer





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•Goto Start → Settings → Network and Dial-up Connections

Select Make New Connection and select Dial-Up Connection and type in a connection name like "gprs"

•Click Next









Device Properties	? OK ×	
Device Properties Port Settings Call of Connection Prefere Baud Rate: Data Bits: Data Bits: Stop Bits: Elow Control: Terminal Use terminal with	? OK Options Inces Intervention None I I Hardware Indow before dialing	 Select 115200 Baud and other parameter as shown Click on Call Options
Use terminal wi	ndow <u>a</u> fter dialing	
Manual Dial		
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elect a modem: <u>Configure</u> <u>TCP/IP Settings</u> Security Settings	gprs	
<u>C</u> onfigure	<u>S</u> elect a moc	dem:
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<u>T</u> CP/IP Settings		<u>C</u> onfigure
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	<u>T</u> CP/IP Se S <u>e</u> curity S	ettings

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•You are back at configuration window.

•Click Next



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<u> </u>	171975			
Country	y/region code:	1	*	99***1#
<u>A</u> rea co	ode:	425	()	don't use other number!!!)
Phone	number:		•	Click on Finish
*99***	*1#	5		
Eoro	e long distance			
Ford	te local			
		Î ana î		





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WAN Config OK	×
Power Security Identification C	◄
VAN Power	
Apply	
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- •Enable WAN Power
- •Click on Apply
- •Click on Security after module is switched on.



VAN Config OK 🗙
Power Security Identification C
State : PIN
Enter PINCODE :

You can try least 3 times to the input to PINCODE.
UnLock
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•Enter your PIN code if SIM card is secured.

•Click on Unlock



WAN Config OK 🗙			
Power Security Identification 0			
State : UnLock			
Enable SIM Lock			
Change PINCODE			
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•Sim Lock can be disabled or enabled

- •PIN code can be changed
- •Click on Identification



WAN Config OK 🗙				
Power Secur	rity Identification O			
rModule ——				
Vendor :	SIEMENS			
Module :	XT75			
Revision :	REVISION 01.001			
IMEI :	353814010027081			
IMSI :	262024503575774			
MSISDN :	01724577037			
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•Information about Module are displayed

•Information about SIM card are displayed

•Click on Operator



W/	N Config			ОК 🗙
Ide	entification	Ope	rator	Status 🐧
	Connect m	ode:	Auto Auto Manu Adap	lal
			<u>r 10/0</u> p	<u> </u>
				Apply
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- Operator will be used automatically by default.
- Click on Connect mode and select Manual

(Adapt-mode means:

- a) Module first try to set operator manual and if fails
- b) Module try to connect automatically)



W/	N Config		ок 🗙
Ide	entification	Operator	Status 🚺 🕨
	Connect m	ode: Auto	
			Apply
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- Operator(s) in range are displayed in list by ID.
- Operator can be selected manual.
- Click on Apply to activate new operator.
- Please activate Automode again.
- Click on Apply.
- Click on Status.



WAN Config OK 🗙				
Identification Operator Status 🔪 া				
RSSI Current : -51 [dBm]				
Operator Name : Vodafone.de ID : 26202				
Network Status : Available GPRS				
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- Some Status information about current connection:
- Signal strength (RSSI) in dBm (-51...-113)
- Operator (Provider) by Name and ID
- Networkstatus
- Click on OK.



Start Dial-up Connection

Dial-Up Connection × Image: gprs gprs User Name:	 Start your gprs Dial-up connection Click on Connect
Save password Phone: *99***1# Dial from: Work Connect Dial Properties	
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Start Dial-up Connection

Connectio	n 🖁 🗡 🛛	? ×
S	S	<u></u>
Make New	Bluetooth	gprs
gprs Statu	IS	×
Hide this m	Connected nessage:	Hide isconnect

•Connected message should be displayed after some seconds. Connection to Internet is now etablished.

- •Click on Disconnect
- •Close Connection Window.





Start Dial-up Connection

WAN Config OK Power Security Identification C	•Return to WAN setting Tool.
WAN Power	 Disable (uncheck) WAN Power.
Дрру	•Click on Apply to stop WAN module power.
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Thank you...

DT-X30 GPRS