

<b>KB Name</b>	eWON Modem Type		
<b>Type</b>	KB		
<b>Since revision</b>	NA		
<b>KB Number</b>	KB-0007-0	<b>Build</b>	11
<b>Mod date</b>	24. Aug 2007		

## Knowledge Base Information

# eWON Modem Type

## 1 Hardware modem type

The hardware modem type represents the physically installed modem. You'll find this number in the *System Info* page of the eWON.

Info					
Description	Value	Unit	Stat	?	
<b>Serial number</b>	0638-0001-74				
<b>Firmware version</b>	327680				
<b>Code name</b>	EW_5_0s6				
<b>Firmware download date</b>	20/10/2006 16:42:55				
<b>CPU ID</b>	90324F71				
<b>System Enabled</b>	1				
<b>Hardware Revision</b>	0000001E				
<b>Hard Extended Revision</b>	00000014				
<b>Hardware options</b>	30				
<b>Modem type</b>	7				
<b>MAC address</b>	00:03:27:40:18:3a				
<b>MAC address WAN</b>	00:03:27:00:18:3a				
<b>Modem extended information</b>	[115kb]				
<b>Features</b>	EF0000				

Image 1: Hardware modem type

Here above, this eWON has the Hardware Modem Type = **7** → ISDN modem. Refer to the Table 1 for the list of hardware modem type.

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## 2 Software modem type

The software modem type represents how eWON manages the modem.

You find the Software modem type in the parameter *ModExpType* (and *ModFrcType*) from the file *comcfg.txt*.

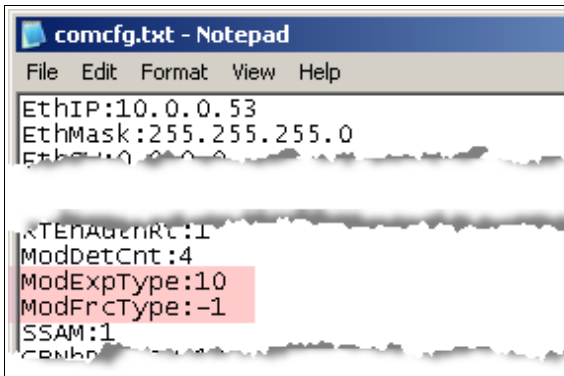


Image 2: Software modem type

Here above, the Software Modem Type = **10** → ISDN commands

Effectively, several hardware can be used exactly with the same commands, then, for the eWON, the software used is the same for several hardware.

Refer to the Table 1 for the list of software modem type.

By default, you can let *ModFrcType* set to value **-1** (no forcing), otherwise, set it to the same value as *ModExpType*.

Forcing of the modem, disables the detection of the modem.

### Remarks:

- The value **-1** for the *ModExpType* may be used to let eWON autodetect the modem. Set the *ModExpType:-1* and *ModFrcType:-1* in the *comcfg.txt* file.
- To disable the modem of the eWON, set the *ModExpType:0* and *ModFrcType:0* in the *comcfg.txt* file.

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### 3 Modem table

Hardware type	Line type	Modem reference	Software type
0	No modem	No modem	0
1	GSM (EU)	Wavecom Q2403	131
2	PSTN 33.6k	Multitech-mt5600smi-34	2
3	PSTN 56k	Multitech-mt5600smi-92	3
4	GSM-GPRS (EU)	Wavecom Q2406B	131
5	unknown	rs232 interface	--
6	PSTN 33.6k LS	Multitech-mt5634smi-34	9
7	ISDN	Stollman TA+SOC	10
8	PSTN 56k LS	Multitech-mt5634smi-92	11
9	ISDN	ALTEC 5068S	12
10	GSM-GPRS (US)	Wavecom Q2426B	131
11	Quad band auto	Siemens TC63	132
12	Quad band auto	Siemens TC65	132
13	Quad band auto EGPRS	Siemens MC75	133
14	Quad band	Wavecom Q24+ (MB)	131
15	Quad band	Wavecom Q24+ (PG)	131
16	Quad band (EX)	Wavecom Q24EX (PG)	131
17	Quad band (EX)	Wavecom Q24EX (MB)	131
18	Quad band (EX)	Siemens AC75	133
19	Quad band (EX)	Siemens AC65	132
20	Quad band (EX, US)	Wavecom Q24EXUS	131
21	Quad band (EX, US)	Wavecom Q24EXUS (MB)	131
22	Quad band EGPRS (EX)	Wavecom Q2687	131
23	Quad Band auto (EX)	Wavecom Q2686	131

Table 1: modem type

(EU) : Europe gsm/gprs frequencies

(US) : United States gsm/gprs frequencies

LS : Leased Line mode available

(EX) : Extended temperature range

(MB | PG) : Mounted on Motherboard (MB), or mounted on Piggyback card (PG)