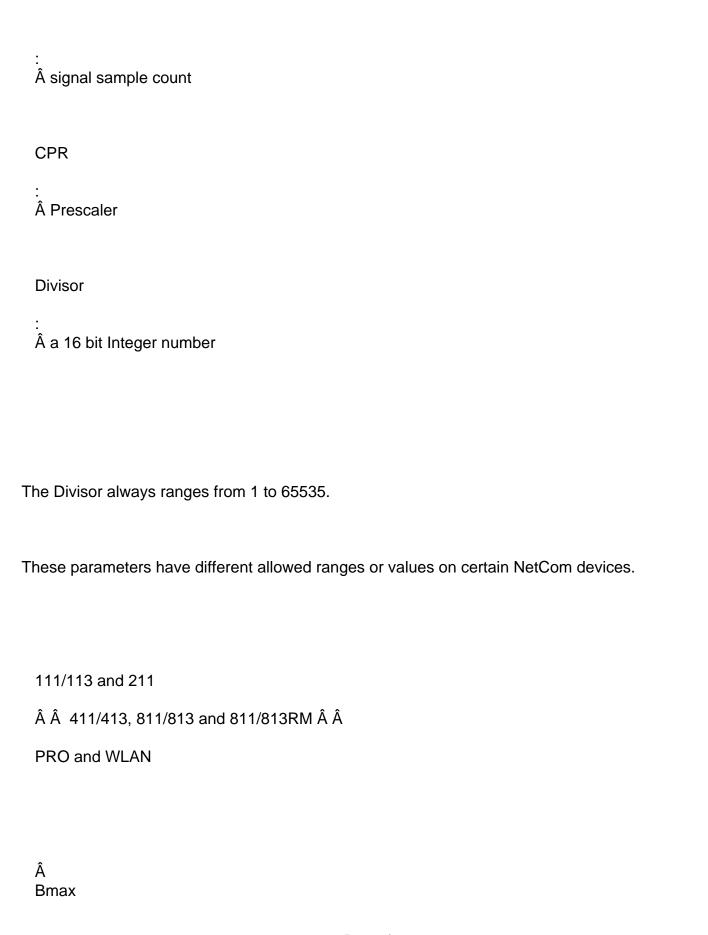
The serial ports on the NetCom servers provide many more speed configurations as are offered for selection in typical programs. Especially when connecting very special hardware there is always the question, whether the requirements of the hardware are supported by the serial ports. To get your answer quick just use the new Online Speed Calculator for VScom products.
Â
For checking yourself there is a formula to calculate the bitrates, which can be configured on serial ports. This is for serial ports based on UARTS 16C450 and compatible chips. Such are used in most products on the market.
Speed = (16*Bmax) / TCR / (CPR / 8) / Divisor, divide from left to right.
Speed
:
resulting bitrate (bit per seconds)
Bmax :
maximum bitrate in 16C550 mode (bit per seconds)
TCR



460800 Â Bmax 921600 Â Bmax

921600

Â TCR 16

A TCR 16 Â TCR

4 to 16

Â CPR 8

Â CPR

Â8

Â CPR

8 to 255

You need to try parameter configurations to find your target bitrate as t	he result. A resulting bitrate is
generally considered acceptable, if the deviation from the target bitrate	is less than 3%.

For the NetCom Lite series the formula reduces to

Speed = Bmax / Divisor

Divisor = Bmax / Speed

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And here are instructions how to use the speed in Windows <u>How to configure the NetCom for my baudrate? It is not available in the Device Manager.</u>

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Author: Support

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