

Podešavanja USB - RS485 konvertora

USB port ponekad hoće da se gubi iz windows drajvera, što izaziva blokiranje rada programa koji koriste COM port koji je generisan preko USB porta.

Ukoliko se ovo dešava, potrebno je probati sa drugim USB portom ili promeniti kabl za povezivanje sa USB adapterom.

Postoje neke specifičnosti oko podešavanja USB konvertora. Ovo je opis za Windows XP ali slično je i za Windows 7.

Nakon instalacije neophodnih drajvera treba uraditi sledeće:



🏠 🧋	System Properties	<u>?</u> ×
My Documents Recycle Bin	System Restore Automatic Updates	Remote
Open My Con Explore Search Manage Map Network Drive	Device Manager The Device Manager lists all the hardware devices in on your computer. Use the Device Manager to chang properties of any device. Device Manage	Advanced I Istalled gethe
My Net Plac Create Shortcut Delete Rename Fa	Drivers Driver Signing lets you make sure that installed driver: compatible with Windows. Windows Update lets you how Windows connects to Windows Update for drive Driver Signing Windows Upda	s are set up ers. ate
	Hardware Profiles	
i izabrati opciju Properties .	Hardware profiles provide a way for you to set up and different hardware configurations.	iles
	OK Cancel	Apply

U prozoru *System Properties* izabrati karticu *Hardware* i u okviru nje kliknuti na dugme *Device Manager*.

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U prozoru *Device Manager* otvoriti *Ports (COM & LPT)*. Ovde bi trebalo da je vidljiv USB port. Kliknuti desnim dugmetom mišem na *USB Serial Port* i izabrati *Properties*.

General	Port Settings Driver Details		
	Bits per second	9600	
	Data bits	8	•
	Parity	None	•
	Stop bits	1	•
	Flow control	None	•
	A	dvanced	Restore Defaults

U Properties za USB Serial Port izabrati karticu Port Settings i kliknuti na dugme Advanced...



Advanced Settings for COM3

USB Transfer Sizes				Cancel
Select lower settings to correct performa	ance prob	ilems at	low baud rates.	Defaults
Select higher settings for faster perform	ance.			
Receive (Bytes):	4096	•		
Transmit (Bytes):	64 128 192	-		
BM Options	256 320 384		Miscellaneous Options	
Select lower settings to correct response	512 576		Serial Printer	
Latency Timer (msec):	640 704		Cancel If Power Off	
Timeouts	768 832		Set RTS On Close	
Minimum Read Timeout (msec):	896 960 1024		Disable Modem Ctrl At Startup	
Minimum Write Timeout (msec):	1152 1216			
OK	1344 1408		Apply	
	1472 1536 1600			
	1664			

U polju *USB Transfer Sizes* smanjiti vrednosti za *Receive* i *Transmit* Transfer Sizes na vrednosti izmedju 640 i 768.

	320			
anced Settings for COM3	384 448			
	512 576			-
COM Port Number: COM3	640		<u> </u>	OK
USB Transfer Sizes	704 768			- Cancel
Select lower settings to correct performa	832 896	t	low baud rates.	
Select higher settings for faster perform Receive (Bytes):	960 1024 1088 1152 1216			Deraults
Transmit (Bytes):	1280 1344 1408			
BM Options	1472 1536		Miscellaneous Options	
Select lower settings to correct response	1600 1664 1728		Serial Enumerator	V
Latency Timer (msec):	1792 1856 1920	*	Cancel If Power Off Event On Surprise Removal	
Timeouts			Set RTS On Close	Ē
Minimum Read Timeout (msec):	0	•	Disable Modem Ctrl At Startup	
· · · · · · · · · · · · · · · · · · ·	-	_		



U polju *BM Options* smanjiti vrednost za *Latency Timer* na 1.

2			
2 3 4			
vanced Settings for COM3 6 7			2
COM Port Number: COM3 10		•	OK
USB Transfer Sizes			Cancel
Select lower settings to correct performand	it low l	baud rates.	Defaults
Select higher settings for faster perform 16			
Receive (Bytes): 18 19			
Transmit (Bytes): 20 21 22			
BM Options 24			
Select lower settings to correct response		Serial Enumerator	<u>य</u>
Latency Timer (msec): 29		Cancel If Power Off	
<u>30</u>		Event On Surprise Removal	
Timeouts	10000	Disable Modem Ctrl At Startup	
Minimum Read Timeout (msec):	•		
Minimum Write Timeout (msec):	T		

Nakon svih promena ovaj prozor bi trebalo da izgleda ovako:

anced Settings for COM3		_?
COM Port Number: COM3	•	ОК
USB Transfer Sizes		Cancel
Select lower settings to correct performance problems	at low baud rates.	Defaults
Select higher settings for faster performance.		Deraults
Receive (Bytes):]	
Transmit (Bytes):]	
BM Options	Miscellaneous Options	
Select lower settings to correct response problems.	Serial Enumerator	v
	Serial Printer	
Latency Timer (msec):	Cancel If Power Off	
	Event On Surprise Removal	
Timeouts	Set RTS On Close	
Minimum Read Timeout (msec):	Disable Modem Ctrl At Startup	
Minimum Write Timeout (msec):	1	

Kliknuti na OK i zatvoriti sve ostale prozore.