

DroidBus/TCP

User Manual

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Overview

DroidBus/TCP is a Modbus-TCP master (client) designed primarily for testing, training or learning Modbus-TCP industrial protocol. This application runs in Android devices such as smart phones and tablets, and may be used to read and modify data points stored in a Modbus-TCP slave (server).



DroidBus/TCP supports the following features:

- Modbus/TCP industrial protocol.
- Read output coils, discrete inputs, input registers and holding registers through automatic polling with user-configurable poll rate.
- Write output coils and holding registers.
- Modbus functions: 01h, 02h, 03h, 04h, 05h, 06h, 0Fh, 10h.
- Poll status indication.
- Display Modbus exceptions
- Register display formats :
 - WORDS: signed, unsigned, hex.
 - DOUBLE WORDS: long, long inverse, float, float inverse, unsigned long.

Start/Stop	Poli definition	I	Successfu poll counter	4:45 /	Data format
poining	Stop	Setup	TX: 92 Connect	Reg: Signed-16 Err: 4 ted - Modbus OK	Erro ² counter
	Address	Value	Address	Value	
	510:		531:	123	Communication
	511:		532:	12	status
	512:	15	533:	0	
	513:		534:		
	514:	114	535:	12000	
	515:		536:	12001	
	516:		537:		
	517:		538:	-32	
	518:		539:		
	519:		540:		
	520:	100	541:	55	
	521:		542:		
	522:	181			
	523:	12567			
	524:				
	525:				
	526:				
	527:	44			
	528:	321			
	529:				
	530:	9			

Application Main Menu

The main menu is displayed few seconds after starting DroidBus/TCP. This is the screen from which all the Modbus functions can be accessed. The screenshot below shows a brief description of all the options in the menu (each option is further discussed in the subsequent sections).



Communication Settings



IP Address: Remote server IP address.

Slave ID: Modbus slave address (when the slave is being address via a bridge or gateway).

Port: Remote server Modbus TCP listening port.

Poll Rate (ms): Time between successive Modbus messages for functions 01, 02, 03 and 04. Default value is 2000 ms (2 seconds).

Connection Timeout (ms): Timeout in making the connection. Default value is 3000 ms (3 seconds).

Read/Write Output Coils

- Read up to 42 output coils (0000) using Modbus function 01h.
- Poll interval from 1 to 10 seconds.
- Touch an individual output value to write a new value (Modbus function 05h or 15h).
- Communication status, successful message counter, error message counter.

Procedure:

Step 1- Configure remote server IP address.

Step 2- In the main menu, select Read/Write Output Coils option.

	📆 📶 🛃 3:46 ам			E	§ 🔳 🕝	3:48 AM
DroidBus/TCP		DroldBus/	тср			
	Touch here JU	Start	Setup	Output TX: 0	Coils (0x) Err: 0	
		Address	Value	Address	Value	
	R/W Output Coils (0x)	0	0	21	0	
		1	0	22	0	
		2	0	23	0	
	Read Discrete Inputs (1x)	3	0	24	0	
$\overline{()}$		4	0	25	0	
\sim	R/W Holding Registers (4x)	5		26		
		6	0	27	0	
	Dead Invest Dealerson (Deal	7	0	28	0	
S	Read Input Registers (3X)	8	0	29	0	
		9	0	30	0	
1	Write Multiple Coils (0x)	10	0	31	0	
		11	0	32	0	
$\overline{\mathbf{C}}$	Muite Multiple Degisters (4x)	12	0	33	0	
. <u> </u>	write multiple kegisters (4x)	13	0	34	0	
C		14	0	35	0	
) j	Write Single Coil (0x)	15	0		0	
		16	0	37	0	
	Write Single Pegister (4x)	17	0	38	0	
	White Single Register (4X)	18	0	39	0	
		19	0	40	0	
		20	0	41	0	

Step 3- Open Setup and configure starting address and quantity of coils:

		Ę	🖥 📶 🛃 З:48 ам	🗄 📶 🥶 3:52 лм
DroidBus/	ТСР			DroidBus/TCP
Start	Seut	Output TX: 0 No con	Coils (0x) Err: 0 nection	Start Setup Dutput Colls (0x) TX: 0 Err: 0 No connection
Address	Anarate /	21	Value	Address value Address value
1	0	21	0	Definition for 192 168 1 100
2	0	22	0	
3	õ	24	0	Starting Address:
4	0	25	0	Starting Audress.
5		26		(25)
6	0	27	0	
7				Number of Points:
8		29		Number of Points.
9				36
10		31		
11		32		32 0
12		33		12 0 33 0
13				
14	0	35	0	Accept Lance
15				
16	0	37	0	16 0 37 0
17				17 0 38 0
18	0	39	0	18 0 39 0
19				19 0 40 0
20		41		20 0 41 0

Step 4- Press Start button to start sending polling messages:

			E	1 A 🛛 🖸	3:48 AM			1	3 📶 🕝	3:59 AM
1	DroidBus/	ТСР				DroidBus/	ТСР			
	N/Z		Output	Coils (0x)		Stop		Output	Coils (0x)	
	14	Setup	TX: 0			Stop		TX: 59	Err: 0	
1			No con	hection			14-1	Connec	ted - Modi	ous OK
	Address	Value	Address	Value		Address	Value	Address	Value	
	0	0	21	0		25:	0	46:		
		0	22	0		26:		47:		
	2	0	23	0		27:		48:		
			24			28:		49:		
	4	0	25	0		29:		50:		
	5		26	0		30:		51:		
	б	0	27	0		31:		52:		
	7		28	0		32:		53:		
	8	0	29	0		33:	0	54:	0	
		0	30	0		34:		55:		
	10	0	31	0		35:	0	56:	0	
	11		32	0		36:		57:		
	12	0	33	0		37:		58:	0	
	13	0	34	0		38:		59:		
	14	0	35	0		39:	0	60:	0	
	15		36			40:				
	16	0	37	0		41:				
	17	0	38	0		42:				
	18	0	39	0		43:	0			
	19	0	40	0		44:	0			
	20	0	41	0		45:				

Forcing coils

Once Droidbus/TCP has established connection and is polling the remote server, you can force individual coils by touching the coil value:

		Ę	🖥 📶 🛃 4:06 ам	🔢 📊 堡 4:07 ам
DroidBu	IS/TCP		and the second	DroidBus/TCP
Stop	Setup	Output TX: 144 Connec	Ccils (0x) Err: 0 :ted - Modbus OK	Stop Setup Output Coils (0x) TX: 191 Err: 0 Connected - Modbus OK
Addre	ss Value	Address	Value	Address Value Address Value
25: 26:	0 0	46: 47:	0 1	Address 31
277	Touch coil	48: 49:	1	Value:
30:		50. 51:	1	On Off
32:	1	53:	0	Function:
33: 34:	0	54: 55:	0	05: Write single coil
35:	0	56:	0	5 2 0 561 0
36:		57:	1	15: Write multiple coils
37:		58:	0	37: 58: 0
30: 39:	0	59: 60:	0	Send Cancel
40:	0			Share
41:				41: 1
42:				42: 1
43:				43: 0
44:				44: 0
45:	1			45: 1

Verify the "Response OK " confirmation:

		E	🖥 📶 💶 7:38 рм
DroidBus/	тср		
		Output	Coils (0x)
Stop	Setup	TX: 233	
		Connec	ted - Modbus OK
Address	Value	Address	Value
25:	0	46:	
26:		47:	1
27:		48:	
28:		49:	1
29:		50:	
30:		51:	1
31:		52:	
32:		53:	0
33:		54:	
34:		55:	1
35:		56:	
36:		57:	1
37:		58:	
38:		59:	1
39:	0	60:	0
45			
. Me	essage wa	as sent - Re	sponse OK
42:	-		
43:			
44:			
45:			

Read Discrete Inputs

- Read up to 42 discrete inputs using Modbus function 02h.
- Poll interval from 1 to 10 seconds.
- Communication status, successful message counter, error message counter.

Procedure:

Step 1- Configure remote server IP address.

Step 2- In the main menu select Read Discrete Inputs option.

	强 📶 💶 3:46 ам			Ē	🔓 📊 💶 4:17 ам
DroidBus/TCP		DroidBus/	TCP		
	MENU	Start	Setup	Discret TX: D No.con	e Inputs (1x) Err: 0 nection
		Address	Value	Address	Value
Taugh	R/W Output Coils (0x)	0	0	21	0
Touch		1		22	
nere		2	0	23	0
	Read Discrete Inputs (1x)	3		24	
		4	0	25	0
\sim	R/W Holding Registers (4x)	5		26	
		6	0	27	0
	Read Input Degisters (2x)	7		28	
S	Read Input Registers (5X)	8	0	29	0
		9	0	30	0
21	Write Multiple Colls (0x)	10	0	31	0
		11	0	32	0
O	Write Multiple Registers (4x)	12	0	33	0
	white multiple Registers (4x)	13	0	34	0
		14	0	35	0
Ľ	Write Single Coil (0x)	15	0	36	0
		10	0	37	0
	Write Single Register (4x)	1/	0	38	0
	and the second se	10	0	39	0
		19	0	40	0
		20	0	41	0

Step 3- Open Setup and configure starting address and quantity of inputs:

		Ę	🗄 📶 🛃 4:21 ам			12	i 🗐 🕑	4:22 AM		
DroidBus/		Discret	e Inputs (1x) Err: 0	Defin	nition for	· 192.16	8.1.100	x)		
Address 0 1	Value 0 0	Address 21 22	Value 0 0	Star	rting Add	00				
2 3 4	0 0 0	23 24 25	0 0 0	Number of Points:						
5 6 7	0	26 27 28	0 0							
8 9 10	0	29 30 31	0 0	8	Acc	ept Car	ncel			
10 11 12 13	0	32 33 34	0	ŋ	1	2	3	DEL		
14 15	0	35 36	0	•	4	5	6	٢		
16 17 18	0	37 38 39	0	記号	7	8	9	-		
19 20	0 0	40 41	0	文字 あA1	*	0	#	Å		

Step 4- Press Start button to start sending polling messages:

[E	🖥 📶 💶 4:26 ам			Ę	🖥 📶 🛃 4:25 AI	м
- 1	DroidBus/	тср			DroidBus/	ТСР			
_	Start	Setup	Discrete TX: 0	e Inputs (1x) Err: O	Stop	Setup	Discrete TX: 18	e Inputs (1x) Err: 0	
- 1	Address	Value	Address	Value	Address	Value	Address	Value	
	0	0	21	0	100:	0	121:	1	
			22	0	101:		122:		
	2	0	23	0	102:	0	123:		
			24	0	103:		124:		
	4	0	25	0	104:				
			26	0	105:				
	6	0	27	0	106:				
			28	0	107:				
	8	0	29	0	108:				
		Ō	30	0	109:				
	10	0	31	0	110:				
	11		32	0	111:				
	12	0	33	0	112:				
	13		34	0	113:				
	14	0	35	Ŭ.	114:				
	15			0	115:				
	16	0	37	0	116;				
	17			0	117:				
	18	0	39	0	118:				
	19	0	40	0	119:				
	20	0	41	0	120:				

Read/Write Holding Registers

- Read up to 42 holding registers using Modbus function 03h.
- Poll interval from 1 to 10 seconds.
- Touch an individual register value to write a new value (Modbus function 06h or 16h).
- Communication status, successful message counter, error message counter.

Procedure:

Step 1- Configure remote server IP address.

Step 2- In the main menu, select the Open Read/Write Holding Registers option.

		📆 🚮 🛃 З:46 аг	м			Ę	🗄 📶 🕜 4:33 ам
DroidBus/TC	P		н	DroidBus/	ТСР		
		MENU	U		Setup	Holding TX: 0 No con	Reg: Signed-16 Err: 0 nection
				Address	Value	Address	Value
	R/W	/ Output Coils (0x)				21	0
						22	0
	Touch	Second Transfer (A.A.		2	0	23	0
<u> </u>	here	iscrete inputs (1x)				24	0
				4	0	25	0
\sim	R/Wir	lolding Registers (4x)				26	0
				6	0	27	0
	Read	Innut Registers (3y)		7	0	28	0
S	Read	input Registers (SR)		8	0	29	0
n				9	0	30	0
\sim	Writ	e Multiple Coils (0x)		10	0	31	0
	_			11	0	32	0
q	Write	Multiple Registers (4x)		12	0	33 24	0
				14	0	25	0
0	14/-			14	0	35	0
	vvr	ite single coll (ux)		16	0	37	0
\cap				17	0	38	0
	Write	Write Single Register (4x)			0	39	0
				19	0	40	0
				20	0	41	0

Step 3- Open Setup and configure starting address and quantity of registers:

		Ę	🔓 📊 🛃 5:16 ам			1	🌆 📊 📧 5:15 AM
DroidBus/	TCP			DroidBus/	тср		
Start	X	Holding TX: 0 No con	g Reg: Signed-16 Err: 0 nection	Start	Setup	Holdin TX: 0 No co	ng Reg: Signed-16 Err: 0 nnection
Address	Value A	ddress	Value	Address	value	Address	value
0	0	21	0	Definit	tion for	102.16	8 1 1 0 0
1	0	22	0	Denni		192.10	0.1.100
2	0	2.3	0	Ctort	ina Ada	L.	
	0	24	0	Start	ing Auc	iress:	
4	0	25	0		8	:0	
2 C	0	20	0				
0	0	27	0				
/ 0	0	20	0	Num	ber of I	Points:	
0	0	30	0		1	40	
10	0	31	0	10		44	
11	0	32	0				0
12	0	33	õ	12			0
13	0	34	0		0		
14	0	35	0	14	Acc	ept Ca	ncel
15		36					
16	0	37	0	16			
17		38		17			
18	0	39	0	18			
19		40		19			
20	0	41	0	20			

Step 4- Press Start button to start sending polling messages:

		E	🖥 📶 💶 4:33 ам			E	🔓 📊 💶 4:43 ам
DroidBus/	ТСР			DroidBus/	ТСР		
Start	Setup	Holding TX: 0 No con	; Reg: Signed-16 Err: 0 nection	Stop	Setup	Holding TX: 7 Connec	g Reg: Signed-16 Err: 0 tted - Modbus OK
Adaress	Value	Address	Value	Address	Value	Address	Value
		21		80:		101:	100
1		22	0	81:		102:	
2	0	23	0	82:		103:	99
3		24	0	83:		104:	
4	0	25	0	84:		105:	33
5		26	0	85:		106:	
		27		86:	12	107:	
7		28	0	87:		108:	
8	0	29	0	88:		109:	10
9		30	0	89:		110:	123
10		31		90:	80	111:	0
11		32	0	91:	82	112:	
12	0	33	0	92:		113:	100
13		34	0	93:		114:	
14	0	35	0	94:	1200	115:	
15		36	0	95:		116:	1000
16	0	37	0	96:	-200	117:	10000
17		38	0	97:		118:	
18	0	39	0	98:		119:	0
19			0	99:			
20	0	41		100:	3		

Step 4- Select display format:

		Ē	🖥 📶 🛃 4:49 ам	📆 📶 🛃 4:48 ам
DroidBus/1	ГСР			D <u>roidBus/TCP</u>
Stop	Setup	Holding TX: 289 Connec	Reg: Signed-16 Err: 0 ted - Modbus OK	🕤 Display Format
Address	Value	Address	Value	Signed(16)
80:		101:	100	
81:		102:	3	
82:	0	103:	99	Unsigned(16)
83:		104:	0	
84:	0	105:	33	
85:		106:	0	Hexadecimal(16)
86:	12	107:	5	Thexade en that (10)
87:		108:	-5	
88:	0	109:	10	lang
89:		110:	123	Long
90:	80	111:	0	
91:	82	112:	100	
92:	0	113:	100	Long inverse
93:	100	114:	200	
94:	1200	115:		
95:	0	116:	1000	Float
96:	-200	117:	10000	
Date	Armat	118.	Initial Menu	Unsigned(32)

		EG.	📶 🛃 4:49 ам
DroidBus/	ТСР		
Stop	Setup	Holding F TX: 310	Reg: Hex-16 Err: 0
Address	Value	Address	d - Modbus O K Value
80:	0x0009	101:	0x0064
81:	0x0064	102:	0x0003
82:	0x0000	103:	0x0063
83:	0x0032	104:	0x0000
84:	0x0000	105:	0x0021
85:	0x0009	106:	0x0000
86:	0x000C	107:	0x0005
87:		108:	0xFFFB
88:	0x0000	109:	0x000A
89:	0x03E8	110:	0x007B
90:	0x0050	111:	0x0000
91:	0x0052	112:	0x0064
92:	0x0000	113:	0x0064
93:	0x0064	114:	0x00C8
94:	0x04B0	115:	0xFFFF
95:	0x0000	116:	0x03E8
96:	0xFF38	117:	0x2710
97:	0x0006	118:	0x0000
98:	0x0000	119:	0x0000
99:	0xFFFF		
100:	0x0003		

Forcing coils

Once Droidbus/TCP has established connection and is polling the remote server, you can force individual holding registers by touching the register value:

		E	🔓 📶 💶 4:43 ам			Ę	5 🔳 🗲	4:57 ам
DroidBus/	тср			DroidBus/T0	:P			
Stop	Setup	Holding TX: 7 Connec	g Reg: Signed-16 Err: 0 cted - Modbus OK	Stop	etup	Holdin TX: 373 Conne	g Reg: Sig 3 Er cted - Mo	ned-16 m: 0 dbus OK
Address	Value	Address	Value	Address	alue A	ddroce	Value	
80:	9	10 1 :	100	Value fo	r Addre	ess 11	0	
81:	100	102:	3	811				
82:	0	103:	99	Prenared	Value.			
83:	50	104:	0	reparee	value.	1.04:		
84:	0	105:	33	84:	845			
85:		106:		35:				
86:	12	10 To	ouch register	Function	:			
87:	-5	10	value					
88:	1000	109:	122	06: V	Vrite sing	gle regi	ster	
69;	1000	110	123					
90:	80	111:	100	16: V	Vrite mu	ltiple r	egisters	
91:	02	112;	100			112	-0	
92.	100	11.4.	200	02.				
95.	1200	114.	-1	94.	Accon	t Car	rel	
94. 05.	0	116.	1000	95.	Accep	L Cal	icei	
95.	-200	117.	1000	96	200	117.	10000	
97:	6	118:	0	97: 6		118:		
98:	0	119:	0	98: 0		119:		
99:	-1			99:				
100:	3			100: 3				

The prepared value must be entered in the same format as the value is being displayed. For example, if the values are being displayed in hexadecimal format, the prepared value should be entered in hexadecimal.

Verify the "Response OK " confirmation:

		E	🖥 📶 💶 4:57 ам
DroidBus/	ГСР		
Stop	Setup	Holding TX: 401	; Reg: Signed-16 Err: 0
Address	Value	Address	ted - Modbus OK Value
80:	9	101:	100
81:	100	102:	3
82:	0	103:	99
83:		104:	0
84:	0	105:	33
85:		106:	0
86:	12	107:	5
87:		108:	-5
88:		109:	10
89:	1000	110:	845
90:	80	111:	
91:	82	112:	100
92:		113:	100
93:		114:	200
94:	1200	_115:	1
91			and the second sec
Me	essage w	as sent - Re	sponse OK
97:		118:	0
98:		119:	
99:			<u> </u>
100:			

Read Input Registers

- Read up to 42 input registers using Modbus function 04h.
- Poll interval from 1 to 10 seconds.
- Communication status, successful message counter, error message counter.

Procedure:

Step 1- Configure remote server IP address.

Step 2- In the main menu, select Read Input Registers option.

		📲 🚮 🛃 3:46 A	м			E	🖥 📶 💶 З:43 ам
DroidBus/TCP	DroidBus/TCP						
	MENU			Start	Setup	Input R TX: 0 No con	eg: Signed-16 Err: 0 nection
				Address	Value	Address	Value
	R/W	Output Coils (0x)		0	0	21	0
						22	
				2	0	23	0
	Read D	iscrete Inputs (1x)				24	
	Touch			4	0	25	U
\sim	here	ding Registers (4x)		5	0	26	0
	_			6	0	27	0
Dead		Input Pagisters (2x)		7	0	28	0
S	Redu II	input registers (SX)		8	0	29	0
Π				9	0	30	0
31	Write	Write Multiple Coils (0x)		10	0	31	U
	-			17	0	32	0
o -	Write M	ultiple Registers (4x)		12	0	22	0
				1/	0	34	0
0	141-24			14	0	36	0
<u> </u>	vvrite	e single Coll (Ux)		16	0	37	a
				17	0	38	a
	Write S	ingle Register (4x)		18	0	39	0
				19	0	40	0
				20	0	41	0

Step 3- Open Setup and configure starting address and quantity of coils:

		ĺ	ii 🗐 🕑	3:43 AM			12	F 🔳 🕑	3:45 AM
DroidBu	us/TCP				1 1 11111	VI CRIME			
Start		Input TX: 0 No co	Reg: Signed Err: 0 nnection	-16	Defin Star	nition for	192.16	8.1.100	1-16
Addre	ess Valu	e Address	s Value		Jul		ai C35.	Plue	
0		21	0		0	0 1	0	1000	
1		22						_	
2	0	23	0		Nur	nher of	Points.		
3		24			Number of Points:				
4	0	25	0		4		15		
5		26			115				
6	0	27	0		6				
7		28			7				
8	0	29	0		8				
9		30				Ac	ept Car	ncel	
10	0	31	0						
11		32	0		•	1	- 2	2	$\langle \times \rangle$
12	0	33	0				2	2	DEL
13		34	0			_	_	_	
14	0	35	0		\odot	4	5	6	
15	Ō	36	Ō						
16	Ö	37	0		*3 -	7	0	0	
17		38	0		記方	/	8	9	
18	0	39	0		and a start				_
19		40			文字	*	0	#	لە
20		41			35 A 1		0	"	

Step 4- Press Start button to start sending polling messages:

		E	🖥 📶 🕝 3:43 ам			EC BI	🚮 🛃 3:52 ам
DroidBus/	ТСР			DroidBus/	ТСР		
	Setup	Input R TX: 0 No con	eg: Signed-16 Err: 0 nection	Stop	Setup	Input Re TX: 4 Connect	g: Signed-16 Err: 0 ed - Modbus OK
Address	Value	Address	Value	Address	Value	Address	Value
		21		10:			
		22		11:			
2		23		12:	-6554		
		24		13:	17142		
4		25		14:	6554		
		26		15:			
		27		16:	4089		
		28		17:	16457		
8		29		18:			
				19:	-16224		
10		31		20:	31457		
11		32		21:	-15742		
12		33		22:	14746		
13		34		23:			
14		35		24:			
15							
16		37					
17							
18		39					
19							
20	0	41	0				

Step 4- Select display format:

			🚮 🕝 3:52 ам	👪 📊 🛃 3:53 ам
DroidBus/	ТСР			DroidBus/TCP
Stop	Setup	Input Re TX: 20 Connect	g: Signed-16 Err: 0 ed - Modbus OK	O Display Format
Address	Value	Address	Value	0
10:				
11:				Hexadecimal(16)
12:	-6554			nexadeennai(10)
13:	17142			
14:	6554			lang
15:				Long
16:	4089			
17:	16457			
18:	0			Long inverse
19:	-16224			-
20:	31457			
21:	-15742			Float n
22:	14746			liour lim
23:	17530			
24:	0			Upgignod(22)
				Unsigned(52)
E 599.4	B F6 2 60 0 80 1 5 5		Z	Float inverse
Data	Immat		Initial Menu	
1				

		EC	🚮 🛃 3:53 ам
DroidBus/	тср		
Stop	Setup	Input Re TX: 60	g: Float-32 Err: 0
Address	Value	Address	ed - Modbus OK Value
10:	0.0		
11:			
12:	123.45		
13:			
14:	100.05		
15:			
16:	3.1416		
17:			
18:	-5.0		
19:			
20:	-65.24		
21:			
22:	1000.9		
23:			
1.25		177	

Write Multiple Coils

- Write up to 99 output coils using Modbus function 0Fh (15).

Procedure:

Step 1- Configure remote server IP address.

Step 2- In the main menu, select Write Multiple Coils option. Enter the starting address and number of coils.



Step 3- Select the value for each coil (checked=ON, unchecked=OFF) and press Send button.



Step 4 – Verify "Response OK" message.



Write Multiple Registers

- Write up to 99 holding registers using Modbus function 10h (16).

Procedure:

Step 1- Configure remote server IP address.

Step 2- In the main menu, select Write Multiple Registers option. Enter the starting address, number of registers and select format data type (signed, unsigned, hex).



Step 3- Enter the value for each register and press Send button.

	🗄 📶 🛃 4:22 ам
DroidBus/TCP	
16: Write Multip	ole Registers
()Send	Clear
Register 20:	5
Register 21:	12
Register 22:	1000
Register 23:	100
Register 24:	0
Register 25:	0
Register 26:	-3
Register 27:	14
Register 28:	35
Register 29:	36

Step 4 – Verify "Response OK" message.

	🗄 📶 🕑 4:24 ам
DroidBus/TCP	
16: Write Multiple	e Registers Clear
Register 20:	5
Register 21:	12
Register 22:	1000
Register 23:	100
Register 24:	0
Register 25:	0
Register 26:	-3
Register 27:	14
Register 28:	35
Register 29:	36
Message was sent - R	esponse OK

Write Single Coil

- Write an individual output coil using Modbus function 05h.

Procedure:

Step 1- Configure remote server IP address.

Step 2- In the main menu, select Write Single Coil option. Enter the coil address and value to write (ON or OFF). Press Send button.



Step 3 – Verify "Response OK" message.



Write Single Register

- Write an individual holding register using Modbus function 06h.

Procedure:

Step 1- Configure remote server IP address.

Step 2- In the main menu, select Write Single Register option. Enter the address, format data type (signed, unsigned, hex) and prepared value. Press Send button to write the value.



Step 3 – Verify "Response OK" message.



Contact Information

Please send your comments to CubacApps@gmail.com