CHANGING DISPLAY TO METRIC UNITS



SIMPLE STEP-BY-STEP DIRECTIONS

All 2010BX, 210BX, 3010BX and 4010LX Analyzers shipped from the factory will display by default, temperature in Fahrenheit and pressure in PSI.



To change the units, the **COMMAND CENTER Software** needs to be installed on a laptop computer, and that computer needs to be connected to the Analyzer prior to proceeding. Contact AMI for the password before proceeding with the instructions below.

COMMAND CENTER									- 0	×
COMMAND CENTER Build Date: 3/19/2019 - 7:22:17 AM	VER. 8.0	CLOSE CO	DM			2010BXV1	User ID: NO	USERID 4/2	7/2022 - 10 Polling Ena):38:27 ibled
VARIABLES INTERFACE	POLLING	DLLNG 1 Sec COM146,115200 Analyzer Software					0 Modbu:	s ID: 17		
User Input	VARI	ABLES	REFRESH	EXPORT	Polled Va	rs are Gree	n Password C)ff		
ANALYZER OUTPUT	VAR	VALUE	BITS	DESCRIPTION		CLASS	COMMENTS	RESPONSE	1	^
A0RP3 0	A	0.00PPM		Reading		Main displ		10:38:24 AM	1	
A0RP5 4	A1	0		PPMX10 (Upper 16bits)			Integer value	10:38:24 AM	2	
A0RP7 1	A2	0		PPMX10 (Lower 16bits)				10:38:24 AM	3	
AORTO 73 AORT1 75	A3	0		PERCENTX100			Integer value	10:38:24 AM	4	
A0RT2 -3 A0RT3 1175	A4	0		Raw Reading Data				10:38:24 AM	5	
AORT4 0	A5	1		Gain Control				10:38:25 AM	6	
AORT6 0	A6	1.153800e-08		Override Temp Coef C2			String Value for C2	10:37:07 AM	7	
A0RU0 55 A0RW 0	A7	-2.342430e-05		Override Temp Coef C1			String Value for C1	10:37:08 AM	8	
A0RX 0 A0RH 110	AS	1.072331e-02		Override Temp Coef C0			String Value for C0	10:37:08 AM	9	
A0RY 0 A0RH 110	A9	NO		Override Temp Coef Word			Set To Override String v	v 10:37:08 AM	10	
	В	8	_	Output range		Main displ		10:38:25 AM	11	
Datalan Davidand (Davi Data)	C	V19.0		Software version		Info		10:37:08 AM	12	
Datalog Dowilload (Raw Data)	C1	8593424		Loop Count				10.37:08 AM	13	
^	CZ	55818		Cycle Count				10:37:08 AM	14	
	03	10		Sequence Count		Mala diasi		10:37:09 AM	15	
	N N	10//	+ +	Caliacter		sian displ		10.36/25 AM	10	
\frown	02	4043	+ +	ADC meterence Votage		Debug		10.37:09 AM		
(1)	03	4996		ADC sample court high				10-37-00 AM	10	
	FO	12		Sensor Type		String		10.38/25 AM	20	- E.
			-			- Incode	1		1	•

- 1) Click on the 'VARIABLES' Tab at the bottom left-hand window.
- 2) Click the 'USER INPUT' Cell at the upper left-hand area of the window.

3												
USERD NO_USERID PASSWORD	× • 10:47:17 AM	ER 9	CLOSE CO	M				2010BXV1	User ID:	NO_USERID	 4/27/2022 Polling	- 10:28:48 Enabled
SUBMIT	ENABLE	POLLING	1 Sec 🌲 🤇	COM146,11	5200	Analyze	er Software V	fersion: V19	.0 Mo	dbus ID: 17		
User Input		VARIA	BLES	REFRESH	H EXPO	RT	Polled Var	s are Gree	n Passwor	d Off		
ANALYZER OUTPUT CLE	EAR OUTPUT	VAR	VALUE	BITS	DESCRIPT	ON		CLASS	COMMENTS	RES	PONSE 1	^
AORH 110	^	A	0.00PPM		Reading			Main displ		10:28:44	AM 1	
A0RZ 1 A0RA 0.00PPM		A1	0	-	PPMX10 (Upper	(6bits)			Integer value	10:28:44	AM 2	
A0RA10		A2	0	-	PPMX10 (Lower	16bits)				10:28:4	AM 3	
A0RA3 0		A3	0	-	PERCENTX100	-			Integer value	10:28:4	AM 4	
A0RA4 0 A0RA5 1		A4	0		Raw Reading Da	а				10.28:4	AM 5	
AORB 8		AS	1		Gain Control					10.28:4	AM 6	
AURE 800 AORG 900		A6	1.153800e-08		Override Temp C	oef C2			String Value for C2	10:28:11	AM 7	
AORH 110		A7	-2.3424306-05		Override Temp C	oef C1			String Value for C1	10:28:11	AM 8	
A0RD 1677		AS	1.072331e-02		Override Temp C	oef C0			String Value for C0	10:28:11	AM 9	
A0RE0 T2 A0RE3 660		A9	NO		Override Temp C	oef Word			Set To Override Str	ing w 10:28:11	AM 10	
A0RE4 3274		в	8		Output range			Main displ		10:28:4	AM 11	
	*	с	V19.0		Software version			Info		10:28:1	AM 12	
Datalog Download (Ra	aw Data)	C1	1092025		Loop Count					10.28:1	AM 13	
	^	C2	7108		Cycle Count					10:28:1	AM 14	
		C3	0		Sequence Count					10:28:1	AM 15	
		D	1677		Cal factor			Main displ		10:28:4	AM 16	
		D1	5000		ADC Reference V	otage		Debug		10:28:1	AM 17	
		D2	4946		ADC sample cou	t low		Debug		10:28:1	AM 18	
		D3	4995		ADC sample cou	t high				10:28:11	AM 19	
	~	EO	T2		Sensor Type			String		10:28:4	AM 20	

3) Once the small SUBMIT PASSWORD window opens, enter the password that you received and press SUBMIT.

CHANGING DISPLAY TO METRIC UNITS

SIMPLE STEP-BY-STEP DIRECTIONS

COMMAND CENTER								- 🗆 ×
COMM CONTER	VER. 8.0	CLOSE COM	И		2010BXV1	User ID: NO_US	ERID 4/27	/2022 - 10:38:27 olling Enabled
	OLLING	I Sec 🗘 🛛 C	DM146,115200	Analyzer Softwa	re Version: V19.) Modbus II	k 17	
User Input	VARIA	BLES	REFRESH	EXPORT Polled	Vars are Gree	n Password Off		
ANALYZER OUTPUT CLEAR OUTPUT	VAR	VALUE	BITS DES	SCRIPTION	CLASS	COMMENTS	RESPONSE	1 ^
A0RP3 0 A0RP4 27	A	0.00PPM	Read	ing	Main displ		10:38:24 AM	1
A0RP5 4 A0RP6 22	A1	0	PPM	X10 (Upper 16bits)	-	Integer value	10:38:24 AM	2
A0RT0 73 A0RT0 73	A3	0	PER	CENTX100		Integer value	10:38:24 AM	4
A0RT2 -3 A0RT3 1175	A4	0	Raw	Reading Data			10:38:24 AM	5
AORT4 0 AORT5 3	AS	1	Gain	Control			10:38:25 AM	6
AORTE 0	A6	1.153800e-08	Over	ride Temp Coef C2		String Value for C2	10:37:07 AM	7
ADRW 0	A7	-2.342430e-05	Over	ride Temp Coef C1		String Value for C1	10:37:08 AM	8
AGRX 0 AORH 110	A8	1.072331e-02	Over	ride Temp Coef C0		String Value for C0	10.37:08 AM	9
AORY 0 AORH 110	AS	NO	Over	nde Temp Coel Word	Units of each	Set To Overnde String w	10:37:08 AM	10
×	0	0	Cup	a range	Main displ		10.30.20 AM	11
Datalog Download (Raw Data)	C1	8593424	Loop	Count			10:37:08 AM	13
^	C2	55818	Cycl	e Count			10:37:08 AM	14
	C3	10	Sequ	ence Count			10:37:09 AM	15
	D	1677	Calit	sctor	Main displ		10:38:25 AM	16
	D1	5000	ADC	Reference Voltage	Debug		10:37:09 AM	17
	D2	4943	ADC	sample count low	Debug		10:37:09 AM	18
	D3	4996	ADC	sample count high			10.37:09 AM	19
· · · · · · · · · · · · · · · · · · ·	E0	T2	Sens	or Type	String		10:38:25 AM	20 🗸

- 4) Uncheck ENABLE POLLING.
- 5) Click CLEAR OUTPUT.

COMMAND CENTER												- 0	×
	VER. 8.0 CLOSE COM					2010BXV1	Userl	User ID: NO_USERID		4/27/2022 - 10:43:18 Polling Disabled			
VARABLESIN	TERFACE	ABLE P	OLLING	1 Sec 🗣	COM146,115	200 An	alyzer Software \	ersion: V19.0		Modbus ID	: 17		
User Inpút	ENTIGRADE		VARIJ	BLES	REFRESH	H EXPORT	Polled Va	rs are Greei	n Pas:	sword On			
ANALYZER OUTPUT	CLEAR OUTPUT		VAR	VALUE	BITS	DESCRIPTION		CLASS	COMMENT	s	RESPONSE	1	 ^
		^	A	0.00PPM	_	Reading		Main displ			10:41:20 AM	1	
			A1 A2	0		PPMX10 (Upper 16bits PPMX10 (Lower 16bits	i) a)		integer value		10:41:20 AM	3	
			A3	0		PERCENTX100	PERCENTX100			Integer value		4	
			A4	0		Raw Reading Data					10:41:21 AM	5	
			A5	1		Gain Control					10:41:21 AM	6	
			A6	1.153800e-08		Override Temp Coef C	2		String Value to	or C2	10:37:07 AM	7	
			A/	-2.3424308-00		Override Temp Coel C	21	-	Ching Value 1	9 C1	10.37.08 AM	•	
			40	NO		Override Temp Coel V	vo Voet		Set To Overri	de Strinn w	10.37.08 AM	10	
			B	8		Output range		Main displ		or only m	10:41:21 AM	11	
		~	с	V19.0		Software version		Info			10:37:08 AM	12	
Datalog Dov	vnload (Raw Data)		C1	8593424		Loop Count					10:37:08 AM	13	
		^	C2	55818		Cycle Count					10:37:08 AM	14	
			C3	10		Sequence Count					10:37:09 AM	15	
			D	1677		Cal factor		Main displ			10:41:21 AM	16	
			D1	5000		ADC Reference Voltag	•	Debug			10:37:09 AM	17	
			02	4943		ADC sample count low	1	Debug			10:37:09 AM	18	
			D3	4996	_	ADC sample count hig	h				10:37:09 AM	19	
		\vee	EO	T2		Sensor Type		String			10:41:21 AM	20	

6) Type 'CENTIGRADE' into the User Input area (shown above in the red box) and press RETURN. This will change BOTH Temperature to Celsius and Pressure to kPA.

Note: To return to Imperial Units, enter 'FAHRENHEIT' and press RETURN.

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