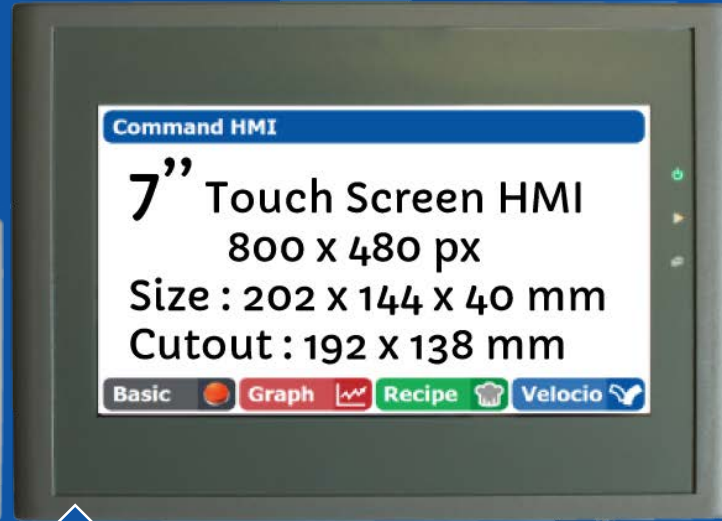
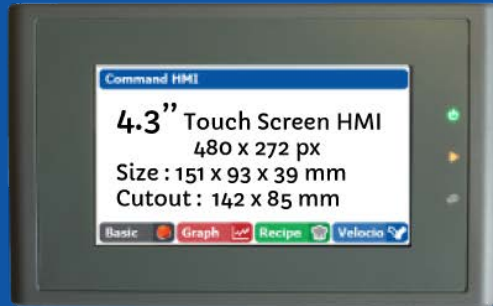


CommandHMI



- 1 Bit Button
- 1 Bit Lamp
- 1 Numerical Input
- 1 Numerical Display

ACE PLC



QUICK START WITH HMI & ACE PLC

<https://aceautomation.eu/software-manuals/>
Download

- **vBuilder** Software for ACE PLCs
- **HMI-Tool** Software for CommandHMIs

HMI-Tool Software

Model	Select
4.3"	HM-043AE
7.0"	HM-070BE
10.2"	HM-102BS

ACE PLC	Select
RS232 or RS485	COM1 or COM2
USB	USB
ETHERNET	ETHERNET

Link	Select
COM1, COM2, USB	Modbus RTU Master
ETHERNET	Modbus Master TCP

New Project

Project Properties

Project Name: MyDemoProject

Path: C:\Tutorials\ Browse...

Model: HM-043AE

Show Model: Horizontal

New Link

Link ID: 1

Link Name: My ACE PLC

Link Interface: COM1

Device Service: Modbus Modbus RTU Master

PLC Continuous Address Space: 32

Port: RS232

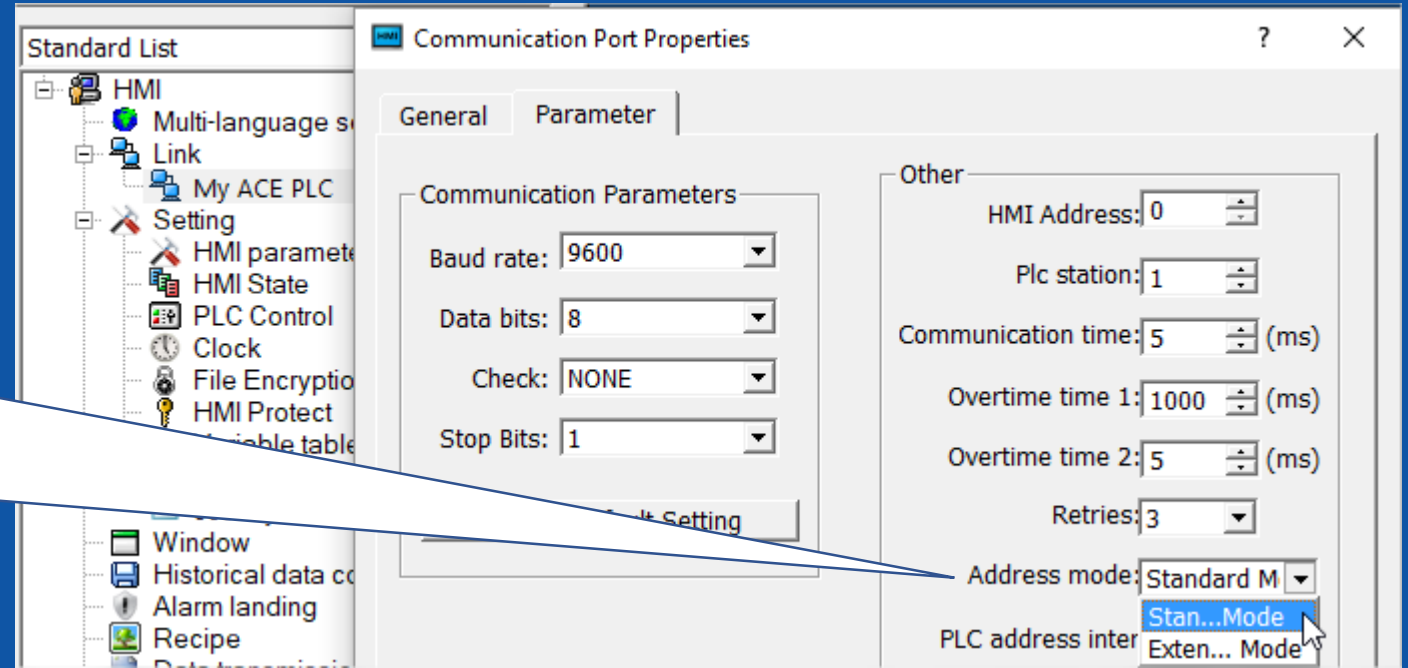
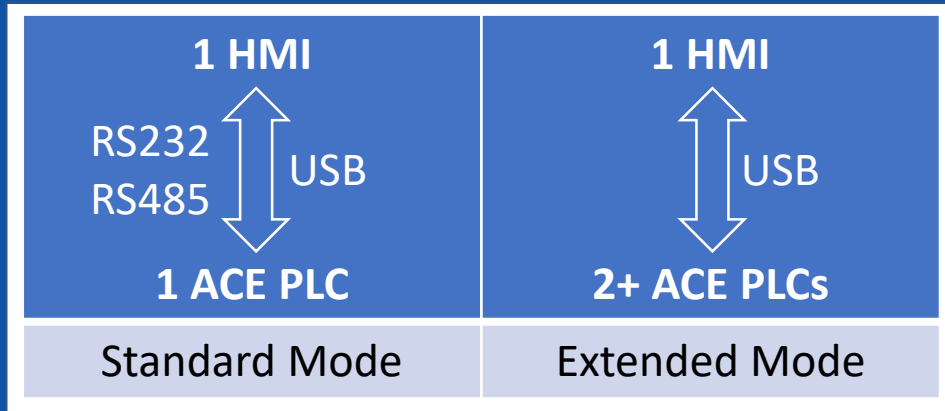
New Screen

Screen Name: My first screen

Background

- Default
 - BG Color:
 - FG Color:
 - Pattern: Solid
- Picture

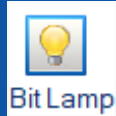
HMI-Tool Software





HMI-Tool Software

BIT BUTTON
ON



Function

Set ON Set OFF

Inching Alternate

Write Address: 0x0 Offset

Monitor Monitor Ad

Monitor Address: 0x0 My ACE PLC

Macro 0x 0

Monitor Address: 0x1 Offset

Address Entry ? X

My ACE PLC

0x 1

vBuilder Software

Tag	Modbus Address	CommandHMI	Writable
Bit HMI_Bit_Button	1	0x0	Y
Bit HMI_Bit_Lamp	2	0x1	Y

Input / Output	Name	Is Array	Array Size	Used	Remote Writable	Modbus
Input bit	HMI_Bit_Button	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Input i16	HMI_Bit_Lamp	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Output bit		<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Output ui16						
Register						
bit						

Tools Help

Tag Mod

A B C D

1 Bit HMI_Bit_Button

Bit HMI_Bit_Lamp (out)



123

Numerical Input

HMI-Tool Software

9999

8888

123

Numeric Display

Data Type: 16-Bit Unsigned Int

Display Type: 16-Bit Unsigned Decim

Write Address: 4x0

Offset

Monitor Address Identical

PassWord input

Monitor Address: 4x0

Font: Arial

Address Entry: My ACE PLC

4x 0

Data Type: 16-Bit Unsigned

Display Type: 16-Bit Unsigned De

Monitor Address: 4x1

Offset

Font: Arial

Font Size: 40

Total Digits: 4

Address Entry: My ACE PLC

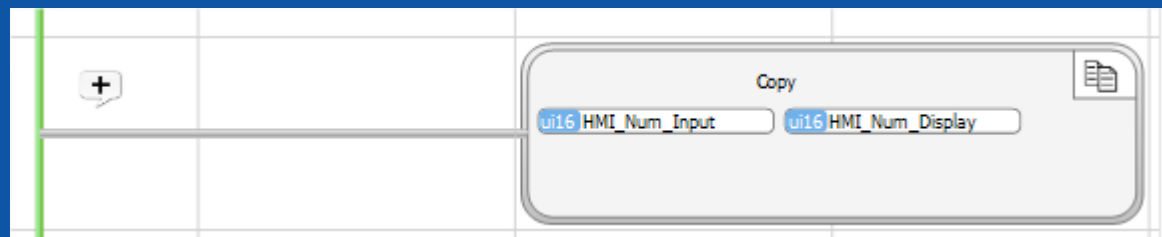
4x 1

vBuilder Software

Integers and Floating Point Numbers

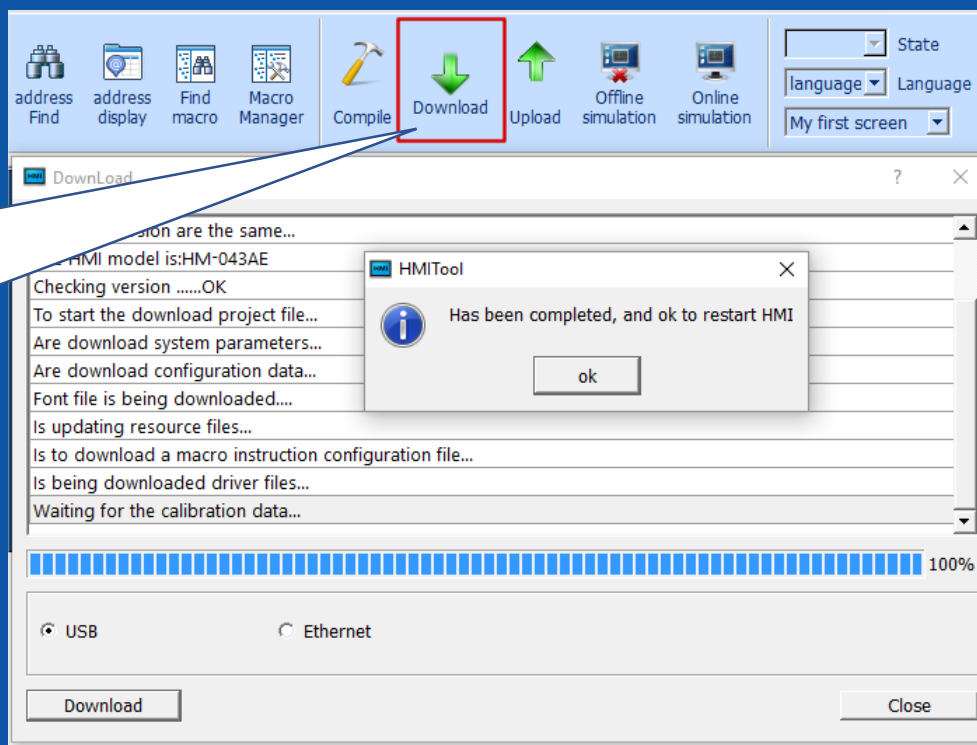
Tag	Modbus Address	Start	End	CommandHMI	Writable
UI16 HMI_Num_Input	1	1	1	4x0	Y
UI16 HMI_Num_Displa	2	2	2	4x1	N

Input / Output	Name	Is Array	Array Size	Used	Remote Writable	Modbus
Input bit						
Input i16	HMI_Num_Display	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Input Float	HMI_Num_Input	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Output bit						
Output ui16						
Register						
bit						
ui8						
i16						
ui16						



HMI-Tool Software

Download
in HMI



vBuilder Software

Download
&
Run

