

For the XP-8x37-CE6 or XP-8xx7-CE6 or XP-8xx7-Atom-CE6:

Project Name	Description	I/O Boards Or Complex Equipment Used
example1	A simple Web HMI example	slot 1: I-87055W
wp_vb01	VB.net 2008 demo 01 : Digital I/O demo. (Chapter 6 of the "XP-8xx7-CE6 Getting Started")	slot 1: I-87055W
wp_vb02	VB.net 2008 demo 02 : Analog I/O demo. (Chapter 6 of the "XP-8xx7-CE6 Getting Started")	slot 1: I-87024W slot 2: I-8017HW
wp_vb03	VB.net 2008 demo 03 : Read / Write long integer, float & Timer. (Chapter 6 of the "XP-8xx7-CE6 Getting Started")	
xpdmo_01	XPAC demo_01: R/W float value from file (FAQ-060)	
xpdmo_02	XPAC demo_02: R/W long integer from file (FAQ-060)	
xpdmo_03	To output at a time interval: SYSDAT_R, SYSDAT_W, SYSTIM_R, SYSTIM_W (ST+QLD)	
xpdmo_04	XPAC demo_04: User defined Modbus protocol (No using "Mbus")	
xpdmo_05	To do something at some sec later when an event happens. (FAQ-17)	slot 1: I-87055W
xpdmo_06	Using Message Array - MsgAry_r , MsgAry_w	
xpdmo_07	Convert float value to string, using real_str & rea_str2	
xpdmo_08	PID control, Refer to XP-8xx7-CE6 CD: \napdos\isgraf\xp-8xx7-ce6\english-manu\"PID_AL...htm"	
xpdmo_09	Store & backup boolean & long integer value To/From files	
xpdmo_10	Store & backup boolean & long integer value To/From EEPROM	
xpdmo_11	Dir is \Micro_SD ,save 3 values to 3 files per 10 minutes ,change file name per month	
xpdmo_14	Retain variable by Retain_b, Retain_N, Retain_f, Retain_t (FAQ-74)	
xpdmo_16	Dir is \Micro_SD ,save 3 values to 1 file every minute ,change file name every day	
xpdmo19	Send UDP String to PC when alarm happens (using variable array), Time_Gap is 1 sec (Chapter 19.2 of the "ISaGRAF User's Manual")	Slot1: I-87055W
xpdmo19a	Send UDP String to PC 3 sec later, Time_Gap is 250ms (Chapter 19.2 of the "ISaGRAF User's Manual")	Slot1: I-87055W
xpdmo19b	Send UDP Str to PC 3 sec later (xpdmo19a is better), Time_Gap is 250 ms (Chapter 19.2 of the "ISaGRAF User's Manual")	Slot1: I-87055W
xpdmo_20	receive String coming from remote PC or controller via UDP/IP	
xpdmo_21	using "com_MRTU" to disable/enable Modbus RTU slave port,	

xpdmo_22	PWM I/O demo. (Pulse Width Modulation), minimum scale is 2ms for WinPAC	Slot1: I-8055W
xpdmo_23	Send Time String to COM3: RS-232 every second by using COMOPEN, COMSTR_W (FAQ-59)	
xpdmo_24	Send string to COM3 when alarm 1 to 8 happens	Slot1: I-87055W
xpdmo_26	To move some pulse at x-axis of I-8091W of slot 1 in XPAC (Chapter 18 of the "ISaGRAF User's Manual")	slot 1: I-8091W
xpdmo_27	Motion x (Chapter 18 of the "ISaGRAF User's Manual")	slot 1: I-8091W slot 2: I-8090W
xpdmo_28	Motion x-y (Chapter 18 of the "ISaGRAF User's Manual")	slot 1: I-8091W slot 2: I-8090W
xpdmo_29	Moving to the Abs. position when CMD is given (Chapter 18 of the "ISaGRAF User's Manual")	slot 1: I-8091W slot 2: I-8090W
xpdmo_30	XPAC(10.0.0.102) link two I-8KE8 + I/O, one is 10.0.0.108, one is 10.0.0.109 (FAQ-42)	
xpdmo_31	XPAC(10.0.0.2) link one I-8KE8 + I/O (10.0.0.109) (FAQ- 42)	
xpdmo_32	Set up XPAC as TCP/IP Client & link to other TCP/IP server (1 connection) (Chapter 19.3 of the "ISaGRAF User's Manual")	slot 1: I-87055W
xpdmo_33	Same as xpdmo_32 but send message only when event last for larger than 3 seconds	slot 1: I-87055W
xpdmo_36	Read Real Val from Modbus RTU device (FAQ-47 & 75)	
xpdmo_37	Write Real Val to Modbus RTU device (FAQ-47 & 75)	
xpdmo_38	Using Modbus function code 6 to write 16 bits (FAQ-46 & 75)	
xpdmo_39	XP-8xx7-CE6 + I-8172W connecting FRnet I/O modules (FAQ- 82)	
xpdmo_41	COM3 connecting 1:M7053D + 2:M7045D (MBRTU format, baud=9600) (Chapter 21 of the "ISaGRAF User's Manual")	
xpdmo_42	COM3 connecting 1:M-7053D to get DI counter value (MBRTU format, baud=9600)	
xpdmo_43	COM3 connecting 1:M7017R + 2:M7024 (MBRTU format, baud=9600)	
xpdmo_44	COM3 connecting 1:M7017RC , Current input, +/- 20mA, 4-20mA (Modbus format)	
xpdmo_45	COM3 connecting 1:M-7019R (set as T/C K-type input) (MBRTU format, baud=9600)	
xpdmo_46	COM3 connecting 1:M7080 (MBRTU format, baud=9600)	
xpdmo_48	VB.net 2005 demo - "MBTCP_demo" (FAQ-51)	
xpdmo_50	Non-linear conversion. like give P to find V (P , V relation listed in a file)	
xpdmo_51	Read 10 REAL value from a file,10 rows, each row has 1 REAL value, use str_real	
xpdmo_52	Msg_F. I-8xx7: since v3.19; I-7188EG/XG: since 2.17/2.15; W-8xx7: since 3.36; XP/WP-8xx7	

xpdmo_53	Msg_N. I-8xx7: since v3.19; I-7188EG/XG: since 2.17/2.15; W-8xx7: since 3.36; XP/WP-8xx7	
xpdmo_54	Read 20 REAL values from a file, 4 rows, each row has 5 REAL values,uses msg_f (FAQ-60)	
xpdmo_55	Read 20 Integers from a file, 2 rows, each row has 10 Integers,uses msg_n	
xpdmo56	Retain 17 REAL value in a file, 2 rows, each row has 10 REAL values.	
xpdmo56a	Retain 2 Boo + 17 REAL in a file, 2 rows, each row has 10 REAL values.	
xpdmo56b	Retain 25 Integer in a file, 2 rows, each row has 10 integer values.	
xpdmo56c	Retain 2 Boo + 25 Integer in a file, 2 rows, each row has 10 integer values. (FAQ-60)	
xpdmo56d	Retain 17 Real + 2 Boo + 10 Integers in 2 files, each row has 10 values.	
xpdmo56e	Retain more than 255 Real, 255 Boo, 255 Integer in 2 files, up to 1024.	
xpdmo_61	Auto Report data to PC via UDP. Controller=10.0.0.103, PC=10.0.0.91	
xpdmo_62	Send email via Ethernet port. (To one receiver without attached file) (FAQ-67, 71, 72, 76 or 77)	
xpdmo_63	Send email to one receiver with one attached file. (FAQ-67, 71, 72, 76 or 77)	
xpdmo64a	station 1001. Time synchronization of many controllers via Ethernet.	
xpdmo64b	station 1002. Time synchronization of many controllers via Ethernet.	
xpdmo65a	Record temperature per minute to a file. Then send it by email per day (FAQ-67, 71, 72, 76 or 77)	slot 2: I-87018z
xpdmo65b	Same as xpdmo_65a but add time synchronization and state report to PC (FAQ-67, 71, 72, 76 or 77)	slot 2: I-87018z
xpdmo_66	Record 1 to 4-Ch. I-8017HW voltage per 20ms, then send this record file by Email	slot 2: I-8024W slot 3: I-8017HW
xpdmo_70	FRnet : slot1: I-8172W, Port0, FR-2057 (addr=4), FR-2053 (addr=8)	slot 1: I-8172W FR-2057, FR-2053
xpdmo71a	COM4 connects I-7530 -- "CANopen" ID=1 device (8DI, 8DO, 4AO, 8AI) (FAQ-86)	
xpdmo71c	COM4 – 7530 -- CAN device to get string (with float or integer data inside)	
xpdmo72a	New redundant system with RU-87P4 + I-87K I/O (Without Touch HMI) (FAQ-93)	
xpdmo72b	Same as xpdmo72a but setup COM1 as Modbus RTU slave port to connect one RS-232 Touch HMI (FAQ-93)	
xpdmo72c	New redundant system with I-8KE8-MTCP I/O (Without Touch HMI)	
xpdmo72d	New redundant system without I-7000 or I-87K I/O or I-8KE8-MTCP I/O	
xpdmo74a	Get average value of one REAL value (FAQ-99)	
xpdmo74b	Get average value of one Integer value (FAQ-99)	
xpdmo75	Using the I-8088W(8-ch, PWM output) in slot1	slot 1: I-8088W
xpdmo75a	using the I-87088W in slot 2	slot 2: I-87088W

xpdmo75b	Connect the I-87088W (I-7088) (addr=1,baud=115200) via XP-8xx7-CE6's COM3:RS485	I-87088W (I-7088)
xpdmo_76	SMS : XPAC, COM4: GTM-201-RS232	GTM-201-RS232
xpdmo77a	sending / Receiving UDP bytes by using eth_udp and eth_send() and eth_recv()	
xpdmo77b	sending / Receiving TCP bytes by using eth_tcp and eth_send() and eth_recv()	
xpdmo78	XP-8xx7-CE6 COM3 Mbus Master --- M-7011 (ID=1, baud=9600) to get AI,DI (FAQ-118)	M-7011
xpdmo80a	AP2 of FAQ119: Mbus TCP Master (Central station)	
xpdmo80b	AP2 of FAQ119 (local 1). Must set ID to 1, LAN1=192.168.1.178, LAN2=192.168.1.179	
xpdmo80c	AP2 of FAQ119 (local 2). Must set ID to 1, LAN1=192.168.1.180, LAN2=192.168.1.181	
xpdmo81a	XP-8xx7-CE6 redundant system	iDCS-8000
xpdmo81b	XP-8xx7-CE6 redundant system	iDCS-8000, i-7055D (COM6, "addr=1,9600")
xphmi_01	XP-8xx7-CE6 Web HMI example 1, Display controller's date & time (No I/O board)	
xphmi_02	XP-8xx7-CE6 Web HMI example 2 , DI & DO demo	slot 1: I-87055W
xphmi_03	XP-8xx7-CE6 Web HMI example 3, R/W Long, float & Timer value (No I/O board)	
xphmi_04	XP-8xx7-CE6 Web HMI example 4, R/W controller's String (No I/O board)	
xphmi_05	XP-8xx7-ce6 Web HMI example 5, Multi-Page demo, Menu is on the Left	slot 1: I-87055W
xphmi05a	XP-8xx7-ce6 Web HMI example 5A, Multi-Page demo Menu is on the top	slot 1: I-87055W
xphmi_06	XP-8xx7-CE6 Web HMI ex. 6, AIO demo, scaling is in ISaGRAF	slot 2: I-87024W slot 3: I-8017HW
xphmi_07	XP-8xx7-CE6 Web HMI ex. 7, AIO demo, scaling is in PC	slot 2: I-87024W slot 3: I-8017HW,
xphmi_08	XP-8xx7-CE6 Web HMI ex. 8, download controller's file to PC	slot 1: I-87055W
xphmi_09	XP-8xx7-CE6 Web HMI ex. 9, pop up an alarm window on PC	slot 1: I-87055W
xphmi_11	trend curve demo	slot 2: I-87024W slot 3: I-8017HW
xphmi_12	Record 1 to 8 Ch. I-8017HW's volt every 50ms and draw trend curve by M.S.Excel	I-8017HW
xphmi_13	Record 1 to 4-Ch. I-8017H's voltage every 10ms and draw trend curve by M.S.Excel	I-8017HW