



Facts

General description

Part number	630005305
Part status	Active
Warranty	2 year

Certifications

General	CE, FCC, KCC, UL 61010-2-201
---------	------------------------------

Mechanical

Mechanical size	284 x 187 x 52mm
Mounting option	Panel Mount
Number of touches	1million finger touch operations
Touch type	Resistive
Cut-out size	275 x 177
Weight	1.3 kg
Housing material	Plastic (PC+ABS), Gray

Power

Input voltage	24 V DC (18 to 32 VDC) CE: The power supply must conform with the requirements according to IEC 60950 and IEC 61558-2-4. UL and cUL: The power supply must conform with the requirements for class II power supplies.
Power consumption (max)	10.8W
Input fuse	Internal DC fuse

System

CPU	ARM9 400 MHz
RAM	128 MB
FLASH	256 MB, 200 MB free

X2 base 10

10" HMI with iX runtime

800 × 480 pixel (16:9)
TFT-LCD touch screen
200 MB application memory
1 × Ethernet, 4 × serial, 1 × USB as standard
Operating temperature -10° to +50° C
CE, FCC, KCC, UL approvals

Display

Size diagonal	10.1" diagonal
Resolution	800x480 pixels
Backlight	LED Backlight
Backlight life time	20000 hours
Backlight brightness	350 cd/m ²
Backlight dimming	Industrial Dimming
Display type	TFT-LCD with LED backlight

Communication serial

Number of serial ports	2 Port 9pin DSUB
Serial port 1	RS 232 (RTS/CTS)
Serial port 2	RS422/485
Serial port 3	RS 232
Serial port 4	RS 485

Ethernet communication

Number of ethernet ports	1
Ethernet port 1	1x10/100 Base-T (shielded RJ45)

Expansion interface

Expansion port	No
SD card	No
USB	1xUSB 2.0 400mA

Environmental

Operating temperature	-10°C to +50°C
Storage temperature	-20° to +60°C
Shock	15g, half-sine, 11ms according to IEC60068-2-27
Vibration	1g, according to IEC 60068-2-6, Test Fc
Sealing front	IP65
Sealing back	IP20
Humidity	5% – 85% non-condensed

ABB - COMLI Master (5.7.2)
ABB - COMLI Slave (4.11.0)
ABB - TotalFlow (5.2.1)
Allen Bradley - ControlLogix Ethernet IP (4.24.1)
Allen Bradley - DF1 (5.8.0)
Allen Bradley - DH485 (4.6.2)
Allen Bradley - MicroLogix Ethernet (5.6.0)
Allen Bradley - SLC5/PLC5 Ethernet (5.4.0)
Altus - Alnet I (5.8.0)
Animatics - SmartMotor (5.2.1)
Beckhoff - ADS (5.12.1)
Beckhoff - ADS Symbolic (4.7.0)
Beijer Electronics - iX Demo (4.4.0)
Bernecker + Rainer - Mininet (5.6.0)
BoschRexroth - IndraDrive C (5.2.1)
CAN - FreeCan (J1939/NMEA2000) (5.3.5)
CAN - CANopen (5.4.0)
CODESYS - ARTI v2.x, v3.x (4.8.0)
CODESYS - SoftControl Direct Access (4.4.0)
Cognex - InSight (5.2.2)
Control Techniques - Unidrive (5.3.1)
CTC - Serial Binary (5.4.2)
Delta - PLC Modbus ASCII (5.6.0)
Emerson - Modbus Master RTU/ASCII (5.4.0)
Eurotherm - Easy Serial 631 (5.1.1)
Fatek - Facon (5.10.0)
Galil - DMC (5.2.2)
GE Fanuc - Ethernet SRTP (5.5.0)
GE Fanuc - SNPX (5.6.1)
Gidding & Lewis - Motion control (5.4.0)
IAI - Xsel (5.4.1)
Idec - Computer Link (5.8.0)
Johnson Control - JCONTROL (5.2.1)
KEB - COMBIVERT (5.4.0)
Keyence - KV-series (5.6.0)
Koyo - DirectNET (5.5.0)
Koyo - K Sequence (5.3.1)
Lenze - LECOM A/B (5.6.0)

LS Industrial System - Glofa (5.3.0)
LS Industrial System - Master K (5.4.0)
Matsushita - MEWTOCOL-COM (5.9.2)
Mitsubishi Electric - Alpha2 (5.7.0)
Mitsubishi Electric - A-series (C24) (5.6.0)
Mitsubishi Electric - A-series (CPU) (5.10.0)
Mitsubishi Electric - A-series (E71) (5.4.0)
Mitsubishi Electric - Freqrol FR-A PLC (5.8.2)
Mitsubishi Electric - FX Series ADP/BD (5.10.0)
Mitsubishi Electric - FX Series ENET (5.4.1)
Mitsubishi Electric - FX Series Serial (5.16.0)
Mitsubishi Electric - MC Protocol (5.11.4)
Mitsubishi Electric - MR-J2/MR-J3-T MELSERVO (5.9.0)
Mitsubishi Electric - QnA/Qnn Serial (5.10.0)
Mitsubishi Electric - QnA/Qnn (C24) (5.5.0)
Mitsubishi Electric - Q-Series Ethernet (E71) (5.5.0)
Modicon - Modbus Master (5.19.4)
Modicon - Modbus Slave RTU/TCP (4.20.2)
NEMA0183 - NEMA 0183 (4.6.0)
Omron - Ethernet IP (4.3.3)
Omron - FINS (5.9.5)
Omron - Host Link (5.6.0)
Regin - EXOline (5.3.2)
Profibus - Profibus DP (5.5.1)
SAIA - S-BUS Serial/Ethernet (5.7.0)
Schneider Electric - Modbus (5.3.0)
Schneider Electric - TSX Uni-Telway (4.5.3)
Siemens - S5 PG/AS511 (5.4.0)
Siemens - S7 200 PPI (5.8.5)
Siemens - S7 over TCP (S7-200/300/400/1200/1500) (4.18.0)
Siemens - MPI (HMI Adapter) (5.7.0)
Siemens - MPI (CiX) (5.3.0)
WAGO - Modbus TCP (5.10.0)
Vigor - M/VB-Series (5.6.0)
Yamaha - VIP (5.2.1)
Yaskawa - Memobus Master (5.7.0)
Yokogawa - FA-M3 (5.6.0)

BASIC JAPAN

Basic Japan Co., Ltd. Sugunami Tokyo, Japan
Phone: +81-3-5335-7651
E-mail: mail@basicjp.com
URL: www.basicjp.com