MVisio 7 Ultra

7″ Display — HMI/PLC Version

High-quality metal housing and glass front with capacitive touch



Type designation	MVisio 7 Ultra
Ident-No.	589109

Technical data

Application area	
Application area	Factory Automation
Power supply	
Admissible voltage range	10...32
Rated value	24 VDC, max. 0.7 A
Controller	
Processor	RISC, Quad core 1.6 GHz
Memory	4 GB Flash (eMMC, pSLC)

Features

- 7″ widescreen TFT color display
- LED backlight
- 800 × 480 pixel resolution
- 16M colors
- Capacitive touchscreen with glass front
- One RJ45 Ethernet port for 10/100/1000 Mbit
- Two RJ45 Ethernet ports for 10/100 Mbit
- One serial interface (RS232, RS485, RS422)
- Two USB host ports
- One SD card slot

Technical data

RAM memory	2 GB
Add-on memory	1 x USB host port
Real time clock	Yes (battery-buffered)
PLC data	
Programming	CODESYS V3
Released for CODESYS version	V 3.5.18.30
Programming languages	IEC 61131-3 (IL, LD, FBD, SFC, ST)
Programming interface	Ethernet
Program memory	20000 kByte
Non-volatile memory	63 kByte
Interfaces	
Expansion slot	Two slots for up to four plug-in modules
Onboard	3 × RJ45 Ethernet, 1 × RS232/485/422, 2 × USB host, 1 × power supply, 2 × expansion slot
Onboard for selection	CANopen master (via extension module)
Radio interface	Optionally expandable
Serial	RS232 / RS485 / RS422
USB	1 × host port
Mechanical data	
Dimensions	147 mm x 187 mm x 47 mm
Front (W x H x D)	187 mm x 147 mm x 47 mm
Cut-out (W x H)	176 mm x 136 mm
Mounting depth	29+5 mm
Ambient conditions	
Operating ambient conditions	-20...60 °C, 5...85 % relative humidity, non-condensing
Storage ambient conditions	-30...70 °C, 5...85 % relative humidity, non-condensing
Protection class	IP66 front, IP20 rear, NEMA type: 12/4X
Displays/controls	
Display	TFT colour
Touchscreen	Capacitive, Glass front
Active screen area	7 ″
Resolution (pixels)	800 x 480 Pixel WVGA
Format	16:9
Brightness	500 Cd/m² typ.

Technical data

Dimmable	Yes, To 0 %
Comments	
Packaging unit	1

Mounting accessories

MVisio-MOUNT-07	**589xxx**
	MVisio mounting brackets and power connectors for 5″ to 7″ devices

Connection accessories - network

MVisio-RJ45S-2M	**589xxx**

