

AMIKON TECHNICAL INTELLIGENCE

Product Data Sheet

MCGS TPC1071GI
10.2-inch industrial touch-screen HMI

PRODUCT

TPC1071GI

BRAND	MODEL	TYPE	SOURCE
MCGS	TPC1071GI	10.2-inch industrial touch-screen HMI	Verified technical source

MCGS TPC1071GI is an industrial touch-screen HMI built around a 1 GHz quad-core Cortex processor. It combines a 1024 x 600 TFT display, four-wire resistive touch input, aluminum construction, and common serial, USB, and Ethernet interfaces for machine visualization and control.

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VERIFIED PRODUCT PARAMETERS

Product model	TPC1071GI
Product category	Industrial touch-screen HMI
Display	10.2-inch TFT LCD with LED backlight
Resolution	1024 x 600 pixels
Touch panel	Four-wire resistive
Processor	Quad-core Cortex, 1 GHz
Memory	256 MB RAM; 4 GB Flash
Supply	24 V DC, approximately 6 W
Interfaces	1 x RS-232; 2 x RS-485; 1 x USB host; 1 x Ethernet LAN
Installation	Embedded panel or mounting-bracket installation
Overall dimensions	27.1 x 21.3 x 3.2 cm
Net weight	Approximately 1.5 kg

Source scope: User-supplied MCGS TPC1071GI product specification. Confirm the current manufacturer documentation and exact order code before procurement, installation, or replacement.

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PRODUCT DESCRIPTION

MCGS TPC1071GI is an industrial touch-screen HMI built around a 1 GHz quad-core Cortex processor. It combines a 1024 x 600 TFT display, four-wire resistive touch input, aluminum construction, and common serial, USB, and Ethernet interfaces for machine visualization and control.

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APPLICATION AREAS

- Machine operator interfaces
- Production-line visualization
- Equipment status monitoring
- Process parameter entry
- Industrial data communication

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INSTALLATION AND SERVICE NOTES

- Verify the panel cutout and mounting clearances before installation.
- Use a regulated 24 V DC supply and observe polarity.
- Separate communication wiring from high-noise power conductors.
- Confirm the required MCGS Linux runtime project and interface settings before commissioning.

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CONTROLLED SOURCE

User-supplied MCGS TPC1071GI product specification

AMIKON PRODUCT SUPPORT

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