



7" Touch Screen Display

Building Automation System Monitor



DESCRIPTION

The 7" Touch Screen Display is a cost-effective solution for monitoring the modern smart building ecosystem. Its high-definition, capacitive touch screen is the optimal size for use in a wide array of HVAC and IoT applications.

Control at your fingertips

The 7" Touch Screen Display is designed to attach to a panel in commercial and industrial environments for convenient viewing of devices connected to a KMC Commander or Niagara front end.

With its compact, tamper-resistant design, the 7" Touch Screen Display is at home in small installations or as part of a multiple-display point system in larger operations.

Flexible communications

Built with compatibility and versatility in mind, the 7" Touch Screen Display can communicate via Ethernet or Wi-Fi.

Based on the Android™ 6.01 mobile operating system, the tablet pairs a 1.2 GHz quad-core processor with an agile graphical engine for rendering everything from simple textual pages to sophisticated HTML5 visualizations with clarity.

You can choose to view content using the onboard Kiosk App or with Internet browsers such as Google Chrome or Mozilla Firefox.



APPLICATIONS

Use the 7" Touch Screen Display to monitor devices, adjust values, view trends, and respond to notifications and alarms.

INSTALLATION

Installation is easy with the included mounting kit, USB-to-Ethernet adapter, and switched mode power supply.

For an example installation with KMC Commander, see "Sample Installation" on page 3.



WHAT'S IN THE BOX

7 inch display unit, low-profile shock resistant frame, tamper-resistant mounting bracket with printed template, 10W switched mode power supply, USB-to-Ethernet adapter, and mounting hardware

SPECIFICATIONS

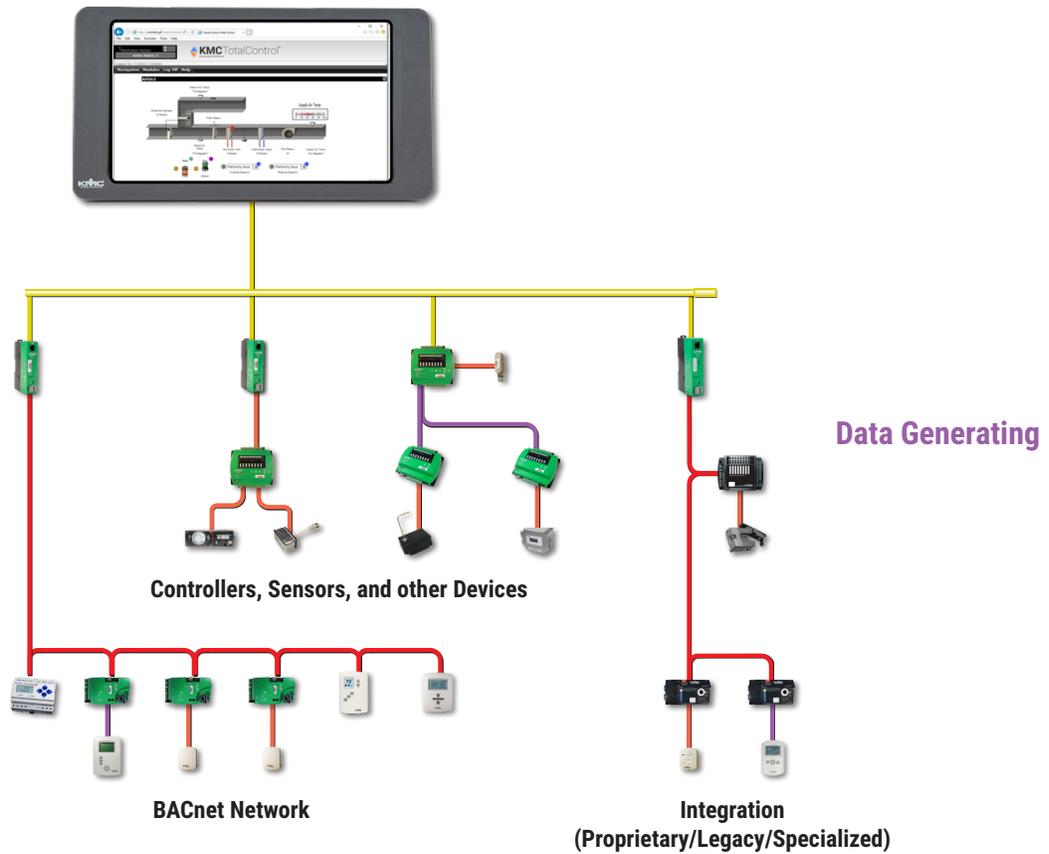
Display Resolution	1024 × 600 pixels
Screen Size (Diagonal)	7.0 inches (177.8 mm)
Touch Panel	Chip-on-Board, supports 5-point touch
CPU/GPU	RK3126 Cortex-A7 Quad Core 1.2 GHz/Mali 400 MP2
Memory: DDR/Flash/Removable	512 GB/8 GB/ Up to 32 GB via SD card
Environmental	Operating temperature 14 to 104° F (–10° to 40° C)
Dimensions (mounted in frame)	9.22 × 5 × 0.73 inches (234.22 × 127 × 18.5 mm)
Mounting	Enclosure surface/panel mounting
Weight: Display/Frame/Mounting Plate	9.4 ounces (266 grams)/3.6 ounces (102 grams)/3.2 ounces (91 grams)
Battery Type	Polymer Lithium Battery, 2400 mAh/3.7V
Communications	Wi-Fi 802.11b/g/n - Bluetooth 4.0
Regulatory Compliance	FCC, CE, RoHS
Operating System	Android 6.01
Enclosure Protection	IP 40
Internet Connection	Wi-Fi or Ethernet (using supplied USB adapter)
KMC Limited Warranty	1 year

SPECIFICATIONS - POWER SUPPLY

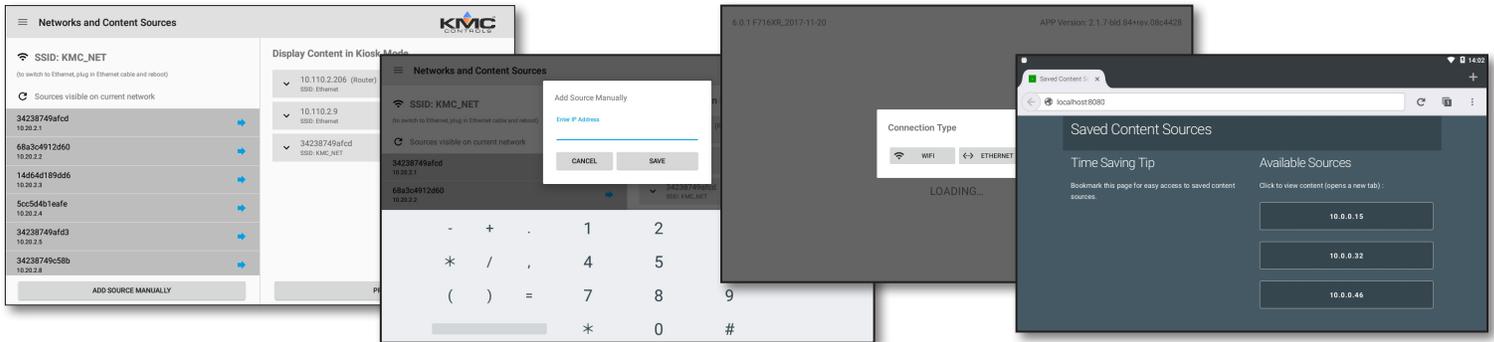
Rating	10W switched mode power supply, UL approved
Input/Output Voltages	90-264 VAC/5 VDC
Wired Connections	Unterminated wire/ O/P 0.7/2.5 mm pin positive barrel connection
Power Supply Frequency	50-60Hz
Dimensions	3.25 inches (82.5 mm) × 1.58 inches (40 mm) × 1.14 inches (29 mm)

SAMPLE INSTALLATION

7" Touch Screen Display Remote Visualization and Management



SAMPLE SCREENS



SUPPORT

Additional KMC product information and resources are available on the web at www.kmcccontrols.com. To see all available files, log on to the KMC Partners site and search under part number **DISPLAY-7**.

