

OPTIPOINT™ EQUIPMENT TOUCH



Automated
Logic

GRAPHICAL TOUCHSCREENS

The Automated Logic OptiPoint Equipment Touch (EQT) provides building operators and technicians with visibility and control over a single piece of HVAC equipment via the Rnet service port. The interface features an illuminated color, capacitive touchscreen display and is designed to connect to a single WebCTRL® controller, making management of the connected HVAC equipment both intuitive and simple.



KEY FEATURES AND BENEFITS

Application Features

- Draw occupants' attention to important information with conditional alarming and color changes
- Features a high resolution, capacitive multi-touch screen
- Supports 13 international languages and characters
- Can serve as a technician's HVAC equipment interface
- Connects directly to a single WebCTRL controller
- Multi-level password protection for security
- View trends, with added support for pinch/zoom and swiping to move along timeline
- Access virtually any point in the controller
- View and edit BACnet time schedules
- View all alarms in the controller
- Easily change setpoints

Hardware Features

- Industrial grade display and able to handle most indoor environments
- Fanless cooling system and ultra-low power consumption
- Wall and panel mount capable
- Elegant and smooth display with clean black bezel

Programming Features

- Easily programmable using ViewBuilder WYSIWYG editor, which includes a library of interactive controls
- Supports standard Equipment Touch files
- Graphics support
- USB-C port for local device updates
- Supports screen capture to USB flash drive
- Built-in PDF viewer



WebCTRL®

The WebCTRL building automation system gives you the ability to understand your building operations and analyze the results. Integrate environmental, energy, security and safety systems into one powerful management tool that helps you reduce energy consumption, increase occupant comfort, and achieve sustainable building operations.

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SPECIFICATIONS

Part #	EQT1-5	EQT3-7	EQT3-10
Display	5" screen	7" screen	10.1" screen
Resolution	800 x 480 pixels (Wide VGA)	1024 x 600 pixels (170 ppi)	1280 x 800 pixels (149 ppi)
Touch	Capacitive Multi-Touch	Projected Capacitive Multi-Touch (P-CAP)	
Rnet (EIA-485)	X	X	X
USB	-	X	X
Ethernet	-	X	X
Viewing Angle	Ultra-wide (nearly 180 degrees)	-75~50(H); -75~75(V)	-85~85(H); -85~85(V)
Max Colors	24-bit	16.7M (8-bit)	
Power	24 VAC (±15%), 5 VA, 50 - 60 HZ, Class 2 external power supply	24 VDC (±15%), 1 A, Class 2	
Ports	USB-C for firmware updates		
Environmental Range	32 to 104°F (0 to 40°C), 10–90% relative humidity, non-condensing	-4 to 122°F (-20 to 50°C), 10–90% relative humidity, non-condensing Front: IP65; Rear: IP20 Vibration tested to IEC60068-2-64	
Memory	16 MB RAM to store variable data and LCD data 32 MB Flash memory to store program code and screen file	4 GB LPDDR4 RAM to store variable data and LCD data 32 GB onboard eMMC Flash memory to store program code and screen file	
Temperature Sensor	Range: -4 to 140°F (-20 to 60°C) Accuracy over 30.0 to 100°F: ±1.0°F (±0.55°C) Accuracy over full range: ±2.0°F (±1.1°C) Resolution: 0.2°F (0.1°C)	-	
Humidity Sensor	Range: 0 to 100% RH Accuracy over 20 to 80% RH: ±3.0% RH Accuracy over full range: ±5.0% RH Resolution: 0.05% RH	-	
Mounting	Wall or panel mounting within the building interior	Panel Part #: EQT2-7-MOUNT	Panel Part #: EQT2-10-MOUNT
Processor	32-bit microcontroller	MT8365 Quad-core Cortex-A53 up to 2.0GHz	
Enclosure	ABS plastic with polycarbonate bezel	Front: plastic Middle plate: steel Back: plastic	Front: aluminum Middle plate: steel Back: plastic
Compliance	UL-60730 (PAZX); CE; 47 CFR FCC Part 15, Subpart B; ANSI C63.4: 2014; ICES-003, Issue 7; ICES-GEN, Issue 2	CE, FCC (Class B), CSA 62368-1, ANSI/UL 62368-1, IEC 62368-1, EN60068-2-6, IP65 (HW front), IP20 (HW rear)	
Dimensions	Width: 5.3 in (13.47 cm) Height: 3.7 in (9.41 cm) Depth: .79 in (1.99 cm) Weight: 8 oz (.23 kg)	Width: 7.3 in (18.54 cm) Height: 5 in (12.7 cm) Depth: 1.8 in (5.57 cm) Weight: 25.6 oz (.72 kg)	Width: 10.5 in (26.67 cm) Height: 7.2 in (18.29 cm) Depth: 1.8 in (4.57 cm) Weight: 48 oz (1.4 kg)
Panel Mount Cutout	-	Insertion Width: 6.9 in (17.53 cm) Insertion Height: 4.7 in (11.94 cm) Insertion Depth: 1.5 in (3.81 cm)	Insertion Width: 9.6 in (24.38 cm) Insertion Height: 6.3 in (16.0 cm) Insertion Depth: 1.5 in (3.81 cm)
Wall Mount Bracket	Width: 4.20 in (10.67 cm) Height: 3.59 in (9.11 cm)	Width: 10.13 in (25.73 cm) Height: 5.85 in (14.86 cm)	Width: 11.34 in (28.8 cm) Height: 7.99 in (20.3 cm)
Wall Mount Elec Box	-	Part #: EQT-7-MOUNT-BOX	Part #: EQT-10-MOUNT-BOX
Real Time Clock	365/day event; Prevents power time failure for up to 3 days	365/day event Prevents power time failure for up to 3 days (at room temperature)	
Device Identification	A serial number label beginning with EQA is on the back of the device		