

OPTIPOINT™ IAQ DISPLAYS

Automated
Logic



INDOOR AIR QUALITY DISPLAYS

Automated Logic OptiPoint™ IAQ displays are full-color interfaces that provide building occupants with real-time visibility to indoor air quality metrics in their immediate area. Available in 3 sizes, these fully customizable devices can display static or animated graphics, draw the occupants' attention to desired details with dynamic color alerts, and serve as an interface to HVAC equipment for technicians.

OptiFlex™

KEY FEATURES AND BENEFITS

Application Features

- Draw occupants' attention to important information with conditional alarming, color changes, and graphic animations
- Features a high resolution, multi-touch capacitive screen
- Support for 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 controller
- Change setpoints easily

Hardware Features

- Rugged, industrial grade display including an IP65 rating on the front of the display and a wide temperature range and vibration resistance
- Fanless cooling system and ultra-low power consumption
- Available in three sizes: 4.3", 7.0" and 10.1"
- Can be panel or wall-mounted

Programming Features

- Easily programmable using ViewBuilder WYSIWYG editor, which includes a library of interactive controls
- Supports standard Equipment Touch files
- Support for graphics and animations
- USB 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.

SPECIFICATIONS



Part #	EQT2-4 OptiPoint 4.3" IAQ Display	EQT2-7 OptiPoint 7" IAQ Display	EQT2-10 OptiPoint 10.1" IAQ Display
TFT (Widescreen)	4.3" (11.0 cm)	7" (17.8 cm)	10.1" (25.7 cm)
Resolution	480 x 272 pixels (128 ppi)	1024 x 600 pixels (170 ppi)	1280 x 800 pixels (149 ppi)
Brightness	400 cd/m (typ.)	320 cd/m (typ.)	350 cd/m (typ.)
Contrast Ratio	1000:01 (typ.)	1000:01 (typ.)	800:01 (typ.)
Viewing Angle	-75~50(H); -75~75(V)	-75~50(H); -75~75(V)	-85~85(H); -85~85(V)
Max Colors	16.7M (8-bit)	16.7M (8-bit)	16.7M (8-bit)
Touch	Capacitive Multi-Touch (P-CAP)	Capacitive Multi-Touch (P-CAP)	Capacitive Multi-Touch (P-CAP)
Power	24Vdc, 1A		
Communication			
Comm Input	Ethernet or EIA-485 based serial port for connection to the Rnet network (115kbps)		
USB	For upgrades, screen captures, and file transfers		
USB OTG	Micro-USB "On the Go" port for firmware upgrades		
System			
Processor	Freescale Cortex A9 i.MX6 Dual Core 1 GHz		
System Memory	24Vdc @ 100mA total current capacity 1GB LPDDR3 RAM to store variable data and LCD data		
Storage	8 GB on-board eMMC flash memory to store program code and screen file		
Mounting	Wall or panel mounting within the building interior		
Device Identification	A serial number label is on the back of the device		
Real Time Clock	Real-time clock keeps track of time in the event of a power failure for at least 3 days		
Compliance	CE (Class B), FCC (Class B), UL 60950, Vibration tested to EN60068-2-6, IP65 rated (front) IP20 rated (rear)		

Figure 1: Physical Dimensions

