



BACtalk® Viewport™

Compact BACnet® Operator Terminal ■



Features & Application Highlights

- **Capable** Fully programmable displays can be customized for each site.
- **User-friendly** 8-button keypad, adjustable backlit LCD, and simple menu structure give occupants and technicians intuitive access to system information.
- **Versatile** Connects to a BACnet MS/TP LAN. Offers an economical alternative to a PC-based operator terminal for small sites and a convenient access point for larger installations.

The Alerton® BACtalk® Viewport™ is a compact operator terminal for BACnet systems. It connects directly to the MS/TP LAN of a BACnet system and can be wall- or panel-mounted. The Viewport's easy-to-use keypad and intuitive 4-line by 20-character LCD allow an operator to query and adjust system values.

The communications design and messaging structure of the Viewport comply with ANSI/ASHRAE Standard 135-1995, BACnet. The Viewport integrates seamlessly with your BACnet system.

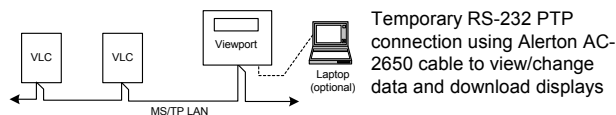
The Viewport provides a low-cost alternative to the BACtalk operator terminal architecture—perfect for smaller installations and buildings where a BACtalk operator terminal solution is excessive. When the Viewport is combined with an LSi™ Controller, a powerful stand-alone installation results—energy management features, scheduling, and DDC are handled in the LSi, with the

Viewport providing operator access to view and change most BACnet properties. The Viewport can also operate without an LSi on the MS/TP LAN. In this case, global DDC and energy management features are not available; the Viewport is used to view and command VLC data and to host a BACtalk operator terminal connection.

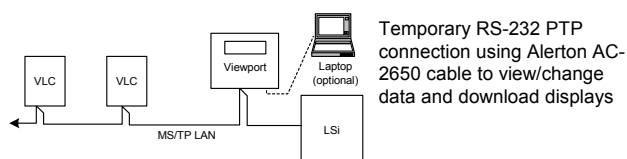
A portable computer running BACtalk for Windows can connect to the Viewport over a simple RS-232 PTP connection for system access, troubleshooting, and Viewport display programming. A BACtalk operator terminal connected to the BACnet internetwork can also be used.

Together with Alerton's complete BACtalk line of powerful Windows-based operator terminal software and programmable VisualLogic® controllers, the Viewport compact operator terminal offers a total BACnet solution.

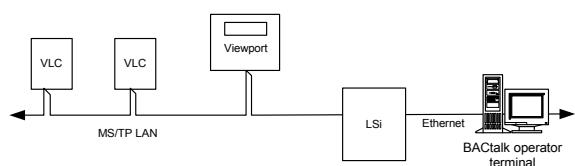
Viewport with stand-alone VLCs



Viewport with stand-alone LSi



Viewport on BACnet internetwork with BACtalk Operator Terminal



Product Number

BT-Viewport

Power	24 VAC @ 5 VA. Transformer sold separately. Utilizes a half-wave rectifier, which enables the Viewport to share its power supply with other half-wave devices. One leg of 24 VAC connects to earth (panel) ground.
Processor & Memory	High performance CMOS CPU with 2MB battery backed static RAM and 64K non-volatile EPROM.
Display	4-line by 20-character backlit liquid crystal display with 8-button keypad.
Clock	Real-time quartz crystal clock. Capable of receiving a BACnet time synchronization.
Battery	Replaceable 3 V, $\frac{2}{3}$ A Duracell (DL2450 or equivalent) lithium battery with 1.5 years cumulative capacity. Standby battery life is 10 years.
Communications	BACnet MS/TP LAN up to 76.8 Kbps.
Portable PC Access	BACtalk operator terminal, RS-232 point-to-point (PTP), 19.2 Kbps. Requires optional cable (AC-2650B).
Dimensions	6.5" (165 mm) H X 4.9" (125 mm) W X 1.1" (28 mm) D.
Terminations	Screw terminals accept 14–24 AWG wire.
Mounting	Wall mounts on 4"-square backbox.
Environmental	32–158°F (0–70°C). 0–95% RH, non-condensing.
Ratings	<ul style="list-style-type: none"> Listed Underwriters Laboratory for Open Energy Management Equipment (PAZX) under the UL Standard for Safety 916. Listing includes both U.S. and Canadian certification. <i>Pending</i> EMC Directive 89/336/EEC (European CE Mark). <i>Pending</i> FCC Part 15, Subpart J, Class A. <i>Pending</i>
BACnet Conformance	Conformance Class 3. See Protocol Implementation Conformance Statement (PICS).
Displays	Up to 1000 custom displays stored at the Viewport. View and modify system-wide BACnet properties.

Specifications subject to change without notice.

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