SCADAPack Vision

The SCADAPack Vision is a compact, panel-mounted operator interface terminal for use with SCADAPack controllers or other Modbus PLCs. The compact Vision10 provides 2 lines of display text and 6 function keys, while the Vision60 offers a larger 4 line display, 20 function keys and more memory for larger applications. Both Vision models are powered by the controller through the serial communication cable, and are easily configured to display process variables and permit modification of controller parameters.

Vision10

- Compact, fits 1/8 DIN panel
- High visibility LED backlit LCD display
- 2 lines x 16 characters
- 6 programmable function keys
- 2 programmable LED indicators
- User friendly, prompts to change data/presets
- Up to 32 alarms available
- Powered directly from SCADAPack
- Class 1, Div 2, CE Mark
- IP 65 protection rating
- Programmable using Windows® based software

Vision60

- Expanded memory for larger applications
- Compact, fits 1/8 DIN panel
- Display data as ASCII characters
- High visibility LED backlit LCD display
- 4 lines x 20 characters
- 20 programmable function keys
- 8 programmable LED indicators
- User friendly, prompts to change data/presets
- Up to 256 alarms available
- Powered directly from SCADAPack
- Class 1, Div 2, CE Mark
- IP 65 protection rating
- Programmable using Windows® based software

Specifications

Programming Package	Windows® Software Package included
Memory:	
Vision10	EEPROM 24k Application Memory
Vision60	EEPROM 120K Application Memory
Power:	
Vision10	Powered from SCADAPack Serial Port, 120mA @ 5V
Vision60	Powered from SCADAPack Serial Port, 185mA max. @ 5V
Enclosure Ratings	IP65
Approvals	Class 1, Div 2 Hazardous Area Rating
Operating Environment	– 20ºC to 60ºC, – 4°F to 140°F 90% humidity with no condensation
Weight:	
Vision10	130 g
Vision60	330g
Panel Fitting	2 clamps
Face Dimensions:	
Vision10	Front Bezel: 109mm W x 60mm H (4.29" x 2.36")
Vision60	Front Bezel: 182mm W x 100mm H (7.16" x 3.94")
Rear Unit Dimensions:	Portion that enters panel:
Vision10	91mm W x 44mm H x 44mm D (3.58" x 1.73" x 1.73")
Vision60	160mm W x 75mm H x 35mm D (6.29" x 2.95" x 1.38")
Panel Cutout:	Recommended Panel Cutout:
Vision10	1/8 DIN 92mm W x 45mm H (3.62" x 1.77")
Vision60	163mm W x 80mm H (6.42" x 3.15")

Display

Display:	
Vision10	2 Lines by 16 Characters
Vision60	4 Lines by 20 Characters
Character Height	4.36mm (0.17")
Backlit	LED Backlight
Effective Display Area:	
Vision10	60mm x 13mm (2.36 x 0.51")
Vision60	75mm x 25mm (2.95" x 0.98")
Data Format:	
Vision 10	HEX, BCD, FLOAT, BIN, Signed INT, Unsigned INT
Vision 60	HEX, BCD, FLOAT, BIN, ASCII, Signed INT, Unsigned INT

Function Keys

Vision10	6 function keys can be programmed for global functions or uniquely for each screen
Vision60	20 function keys can be programmed for global functions or uniquely for each screen
Numeric Entry:	
Vision10	Special screen uses arrow, clear and enter keys
Vision60	Numeric Key Pad
Password Protection	Password can be activated for any screen

Communications

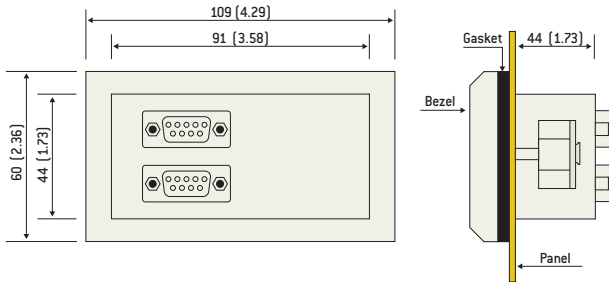|	
COM Port 1	DB9 connector RS-232 Port for programming
COM Port 2	DB9 connector RS-232 Port for PLC communications

Special Functions

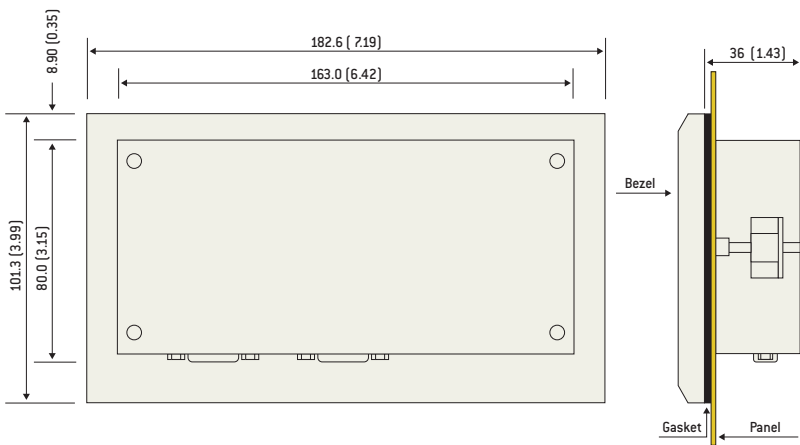|	
Supports Multidropped PLCs	Each Vision can communicate to multiple PLC nodes via RS-485 network with RS-232/RS-485 converter (not included)
Bar Graph Display	Display numeric values as a bar graph
Flashing Display	Available
Power Saving Mode	Available when used with SCADAPack LP & SCADAPack 350/357

Dimensions

Unit: mm (inch)

Vision10

109 (4.29)
91 (3.58)
Gasket
44 (1.73)
Bezel
60 (2.36)
44 (1.73)
Panel

Vision60

8.90 (0.35)
182.6 (7.19)
163.0 (6.42)
36 (1.43)
Bezel
101.3 (3.99)
80.0 (3.15)
Gasket
Panel

This product features a one year warranty and is backed by Control Microsystems' commitment to Total Customer Care. The appropriate Vision Shield must accompany any Vision unit installed outdoors in order to maintain the product warranty.

Control Microsystems manufactures a full range of high quality, high performance products for telemetry and SCADA.
To discuss how Control Microsystems can help solve your application challenge, please contact your local representative or call our toll free sales number below.