

# SCADAPack Vision

## Operator interface terminal

Vision10 | Vision60





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
- cULus Class 1, Div 2
- 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
- cULus Class 1, Div 2
- IP 65 protection rating
- Programmable using Windows® based software

# Product Data Sheet SCADAPack Vision Specifications



## Vision10 | Vision60

### 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	UL Class 1, Div 2, Groups A, B, C and D; CE Mark
Operating Environment	- 20°C to 60°C, - 4°F to 140°F 90% humidity with no condensation
Weight	Vision10: 130g 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")
Trusted Unit	Optional Trusted Access point-Trusted Remote operation

### 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	Vision10: HEX, BCD, FLOAT, BIN, Signed INT, Unsigned INT Vision60: HEX, BCD, FLOAT, BIN, ASCII, Signed INT, Unsigned INT

### Function Keys

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

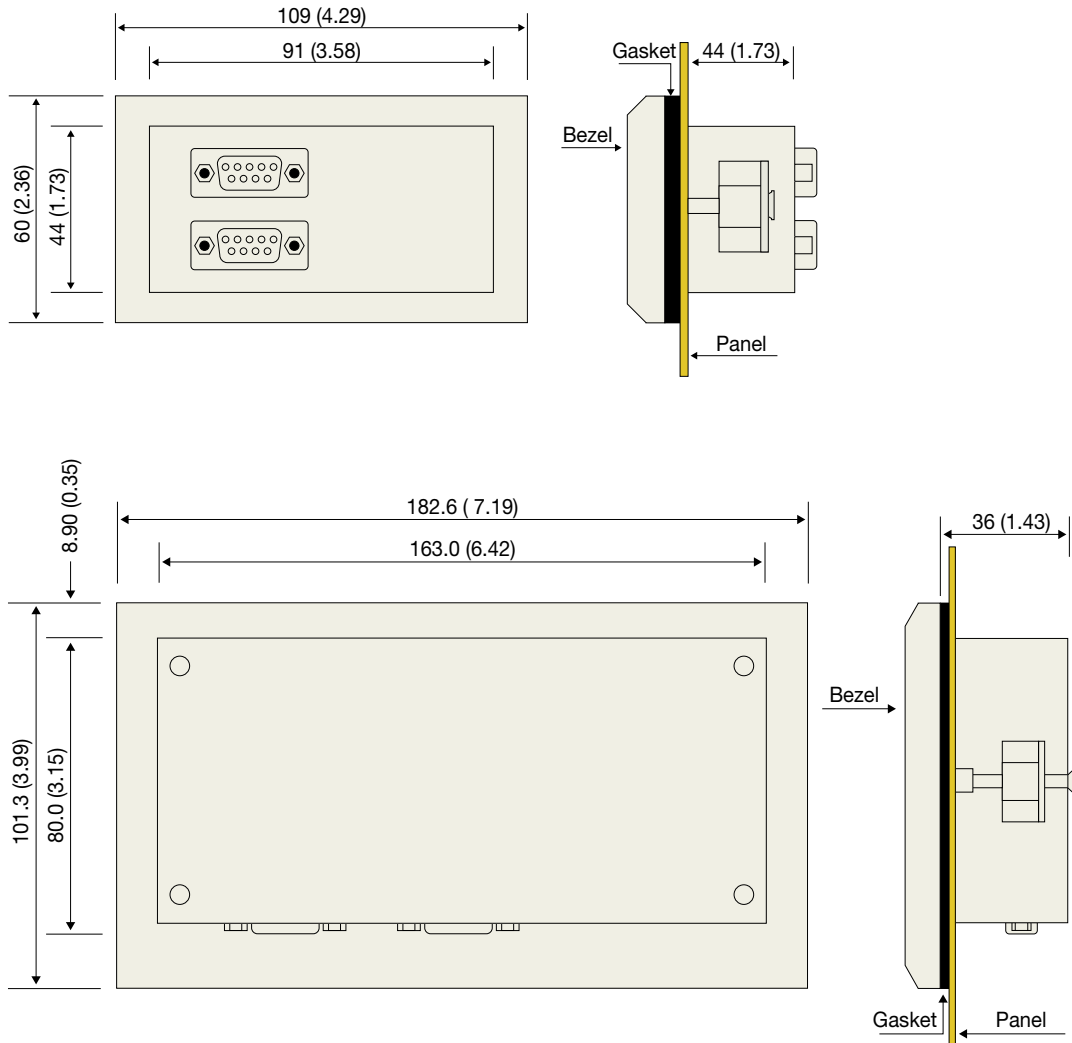
## Product Data Sheet SCADAPack Vision

### Model Code

> Vision10   Vision60	
Model	Description
TBUM297250	Vision10, LCD, 2 lines x 16 char., 6 programmable function keys, manual & Configuration CD
TBUM297370	Vision60, LCD, 4 lines x 20 char., 20 programmable function keys, manual & Configuration CD
Model	Accessories
TBUM297459	Painted metal shield for Vision10, protects unit keypad from sun (UV radiation) and weather damage
TBUM297458	Painted metal shield for Vision60, protects unit keypad from sun (UV radiation) and weather damage
TBUM327065	Configuration Software and Manual (PDF format) on CD for the Vision10 and Vision60
TBUM297237	Cable for connecting Vision to SCADAPack Smart RTU with RJ45 type port, RJ45 to DE9S (F), Null Modem, 5 ft. (1.52m)
TBUM297241	Cable for connecting Vision to SCADAPack Smart RTU with DE9S type port, DE9S (F) to DE9S, Null Modem, 6 ft. (1.82)
TBUM297469	Cable with inrush limiter – for hot connect of Vision to SCADAPack Smart RTU with RJ45 type port, RJ45 to DE9S (F)
TBUM297470	Cable with inrush limiter – for hot connect of Vision to SCADAPack Smart RTU with DE9S type port, DE9S (F) to DE9S (F)

## Product Data Sheet SCADAPack Vision Dimensions

Unit: mm (inch)



This product features a one year warranty and is backed by Schneider Electric's commitment to Total Customer Care. The appropriate Vision Shield must accompany any Vision unit installed outdoors in order to maintain the product warranty. Schneider Electric manufactures a full range of high quality, high performance products for telemetry and SCADA.

To discuss how Schneider Electric can help solve your application challenge, please contact your local representative or call our toll free sales number below.