SOLRENVIEW
DATA LOGGER

RESIDENTIAL FEATURES

- Fully compatible with PVI 3800-7600TL inverters
- Up to 32 devices per data logger

RESIDENTIAL OPTIONS

- Weather proof enclosure (Type 4X)
- Web-based monitoring

COMMERCIAL FEATURES

- Fully compatible with PVI 14-36TL inverters
- Up to 32 devices per data logger
- Powered by inverter, no power outlet needed
- Weather proof enclosure (Type 4X)

COMMERCIAL OPTIONS

- Web-based monitoring

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WEB-BASED MONITORING DATA LOGGER

Yaskawa - Solectria Solar's SolrenView Data Logger offers customers a solution for system data collection and is fully compatible with PVI 3800-7600TL & PVI 14-36TL. This solution provides performance data that can be monitored online when paired with the SolrenView Inverter Direct Monitoring package. The Data Logger is available as a Residential or Commercial solution. The Residential solution has the option of shipping pre-mounted in a weather tight enclosure allowing for installation flexibility and accessibility as a part of the PV system, while this is a standard feature of the Commercial Data Logger. The Commercial solution provides additional design flexibility as it is powered by the inverter using the supplied Modbus and power cable, eliminating the need to supply power to the logger in the field. Both SolrenView Data Logger solutions use the RS-485 Modbus protocol to communicate with devices connected in a daisy chain sequence. They allow up to 32 devices to be connected per data logger in each daisy chain.

SPECIFICATIONS	RESIDENTIAL SOLRENVIEW DATA LOGGER	COMMERCIAL SOLRENVIEW DATA LOGGER
SolrenView Data Logger		
Power Supply	Additional power source required	Integrated; DC powered by the inverter (<2W)
Operational Temperature	-22°F to +140°F (-30°C to +60°C)	
Storage Temperature	-40°F to +150°F (-40°C to +70°C)	
Mounting Locations	Indoor, Outdoor, Array, Rooftop - Vertical or Horizontal	
Inverter Compatibility	PVI 3800-7600TL	PVI 14-20TL, PVI 23-36TL
Communication		
Modbus (RS-485)	RTU, 9600-19200BAUD, 8 BITS, 1 Stop Bit, Up to 32 Devices	
LAN	Ethernet, TCP/IP	
Networking	DHCP or Static IP	
Warranty		
Standard	5 years	
Enclosure		
Dimensions (H x W x D) 　Data Logger Box 　Outdoor Enclosure Box	7 in. x 4.4 in. x 1.6 in. (178 x 112 x 41 mm) 11.9 in. x 10.2 in. x 4.1 in. (303 x 258 x 104 mm)	
Weight 　Data Logger Box 　Outdoor Enclosure Box	0.85 lbs (0.4 kg) 6.15 lbs (2.8 kg)	0.85 lbs (0.4 kg) 5.8 lbs (2.6 kg)
Outdoor Enclosure Rating	Type 4X	
Outdoor Enclosure	UV Resistant Polycarbonate	

Outdoor Enclosure Box Dimensions

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