



IGVC-01

Vision Communication Gateway



Features

- Real time monitoring of the PV micro inverter system
- Plug (direct into AC outlet) and Play
- Power Line Communication – (Collects information via AC wiring)
- Coupled operation with broadband router for communication through internet
- Simplify monitoring and analysis of the PV micro inverter system performance
- Allows viewing of data on web browser

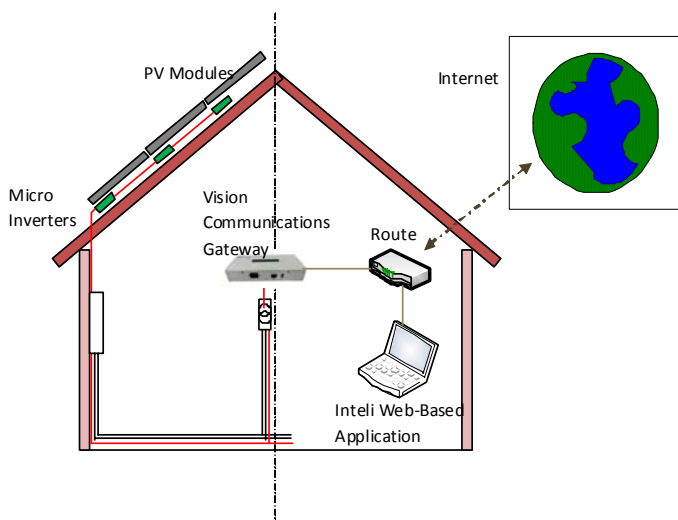
Description

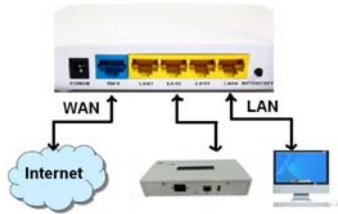
The InfluxGreen IGV-01 Vision communication gateway functions as a bridge between the PV micro inverter system and the Intel® web-based monitoring and management software system.

The Vision is an integral component of the InfluxGreen's micro inverter system. It monitors the micro inverters that are connected to the PV modules.

The Vision retrieves the energy and performance data of the micro inverter over the AC powered lines, and report via internet to the Intel® management software system for computation and statistical analysis.

Combined with the advanced InfluxGreen PV micro inverters, the integrated system maximizes energy harvest and simplifies the overall design, installation and the management system.





Technical Specifications

AC Input

AC Outlet	100 to 240 VAC
Nominal Frequency	50/60 Hz
Power Consumption	2W

Connectivity

Power line Communication (PLC)	Local Standards
Ethernet Cable	10M/100M auto sensing, auto negotiation

Operating Environment

Operating Temperature	0 to + 40 °C
Storage Temperature	-30 to + 50 °C
Relative Humidity	0-80 %, non-condensing

- Overview
- Information
- Device
- Configuration

Overview

Hello Statistics

connection to modules
connection to web

Your system has been registered
log into get more detailed performance reporting

Total_generation	312.468 kWh
Currently_generation	9.216 kWh
Currently_power	0.26
Module_Hum	14
Online_Module	0
Remaining_Planning	99%
Mac_Address	08:11:38:41:25:43

Events

Event_ID	Event_Description	Event_Device	Event_Date
1929	abnormal working	1510260000	12/17/12 17:30:47
1928	abnormal working	1510260000	12/17/12 17:30:49
1927	abnormal working	1510260000	12/17/12 17:30:52
1926	abnormal working	1510260000	12/17/12 17:29:22
1925	abnormal working	1510260000	12/17/12 17:29:19
1924	abnormal working	1510260000	12/17/12 17:29:11
1923	abnormal working	1510260000	12/17/12 17:29:07
1922	abnormal working	1510260000	12/17/12 17:28:58
1921	abnormal working	1510400000	12/17/12 17:24:44
1920	abnormal working	1399100011	12/17/12 17:21:19
1919	abnormal working	1510260000	12/17/12 17:20:42
1918	abnormal working	1510260000	12/17/12 17:20:34
1917	abnormal working	1510260000	12/17/12 17:20:14
1916	abnormal working	1510260000	12/17/12 17:20:06
1915	abnormal working	1399100011	12/17/12 17:16:54
1914	abnormal working	1510260000	12/17/12 17:16:34
1913	abnormal working	1510260000	12/17/12 17:14:57

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Serial Number:12101001

Device

Serial_Num	Installed	current power	tot generation	Status	Last_Report
121112010008	120832 10:52:18	0W	13.111 kWh	Failed	12/17/2012 17:20:06
121114010008	120832 10:52:24	0W	12.643 kWh	Failed	12/17/2012 17:24:45
121113010010	120832 11:32:34	0W	13.721 kWh	Failed	12/17/2012 17:24:54
121096020001	136332 11:55:58	0W	39.092 kWh	Failed	12/17/2012 17:24:57
121026010001	120842 16:12:16	0W	10.727 kWh	Failed	12/17/2012 17:30:32
121026010005	120842 16:13:22	0W	10.000 kWh	Failed	12/17/2012 17:30:38
121026010004	120842 16:34:13	0W	10.845 kWh	Failed	12/17/2012 17:30:44
121026010010	120842 16:34:35	0W	10.411 kWh	Failed	12/17/2012 17:30:47
121026010023	120742 10:25:08	0W	10.553 kWh	Failed	12/17/2012 17:30:50
120807010008	120742 15:54:01	0W	55.853 kWh	Failed	12/17/2012 17:30:54
120807010005	120742 15:58:03	0W	16.871 kWh	Failed	12/17/2012 08:08:28
120807010011	120742 16:20:28	0W	42.451 kWh	Failed	12/17/2012 17:25:55
120807010006	120742 17:02:28	0W	58.862 kWh	Failed	12/17/2012 17:21:27
121016020001	120742 14:51:28	0W	39.000 kWh	Failed	12/17/2012 14:51:24

*Cells_contains 14 devices.

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Mechanical

Dimension (LxWxH)	206mm*100mm*40mm
Weight	0.6kg
Enclosure Protection Rating	Indoor – IP30

Other Parameters

Max. no. of micro inverters	150 units
Cooling	Natural Convection
Warranty	3 Years
Safety Compliance	CE, AS/NZS 60950.1, AS/NZS CISPR22, EN55022, EN55024, EN61000-3-2, EN61000-3-3
EMC Compliance	

Serial Number:12101001

Information

Time_Period	Energy_Generated
Currently	0 W
Today	9.216 kWh
This_Month	92.353 kWh
This_Year	92.353 kWh

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Serial Number:12101001

Configuration

IP Config

IP address

NetMask

Gateway

Time Setting

Year Mon Day

Hou Min Sec

NTP Service

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All technical specifications contained within this document are subject to change without prior notice

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