



**Caliber Interconnect Solutions<sup>®</sup>**

— design for perfection —

ISO 9001: 2008 Certified

**AT IESA VISION  
SUMMIT 2018**

# Caliber Interconnect Solutions Pvt Ltd, joins as Associate Partner in IESA Summit 2018 *Associate*

*The IESA Vision Summit is the global leadership conclave for the Electronics System Design & Manufacturing (ESDM) industry.*

*Caliber Interconnect Solutions displayed its capabilities in*

- *High speed Board Design*
- *Signal Integrity Analysis*
- *IC packaging*
- *Embedded Turnkey Product Engineering Solutions.*



# Product Engineering Capabilities and Solutions Showcased at IESA Summit 2018

## Embedded Design Service

### Integrated Product Engineering

- Design & Development**
  - Hardware
  - Firmware
  - FPGA
  - Software
- Board Design**
  - Schematics
  - SI analysis
  - Layout
  - Thermal analysis
- Product Integration**
  - Hardware & Software Integration
  - Functional verification
- Test & Delivery**
  - Compliance
  - Certification

- Microprocessors
- Microcontrollers
- DSPs
- FPGAs
- BSP
- Protocol stacks

## Turnkey Solutions

- Green Energy**
  - Intelligent Solar Power System
  - 3-Ph Transformer-less, 50W-100W
  - RF ballast for industrial lamp
  - 400 W / 200 W / 100W / 40 W
- IOT & Wearables**
  - Wearable Life Saving Device
  - Agriculture electronics
- Medical Devices**
  - Ultrasonic Range Meter (part of a CPR Medical Device)
- Computing & Communication**
  - PCIe Network Cards
  - Communication Gate ways
  - Ethernet-Fiber Switch
- Railways & Industrial**
  - BSPK Wireless Device
  - Railway Signaling Systems
  - HV Transformer Tester

## Intelligent Solar Inverter

### Technical Specifications

Model	1-Ph (Off-grid)	3-Ph (Off-grid)
Output Power	2000 W (10 A)	2000 W (10 A)
Input Voltage	120V AC	208V AC
Output Voltage	120V AC	208V AC
Efficiency	> 95%	> 95%
Protection	Over-voltage, Over-current, Short-circuit, Reverse-polarity, Low-voltage, High-temperature	Over-voltage, Over-current, Short-circuit, Reverse-polarity, Low-voltage, High-temperature
Dimensions (mm)	100x100x100	100x100x100
Weight (kg)	1.5	1.5

## IOT Solution for Indoor Farming

- Green House
- Rooftop
- Vertical Farming

Analyze Data

View & Manage

### Smart Farming

Light Sensor, Co2, Exhaust and cooling fans, Mistifier, Greenhouse Controller



# PHOTOS AT IESA Summit 2018 *Associate*



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