



## 300MW Cauchari Solar – Pry-Cam online monitoring system

| Pry-Cam Fixed Monitoring Solution |                                      |
|-----------------------------------|--------------------------------------|
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| Project name                      | Cauchari Solar                       |
| Rev. n°                           | 00                                   |
| Date                              | 16/07/2018                           |

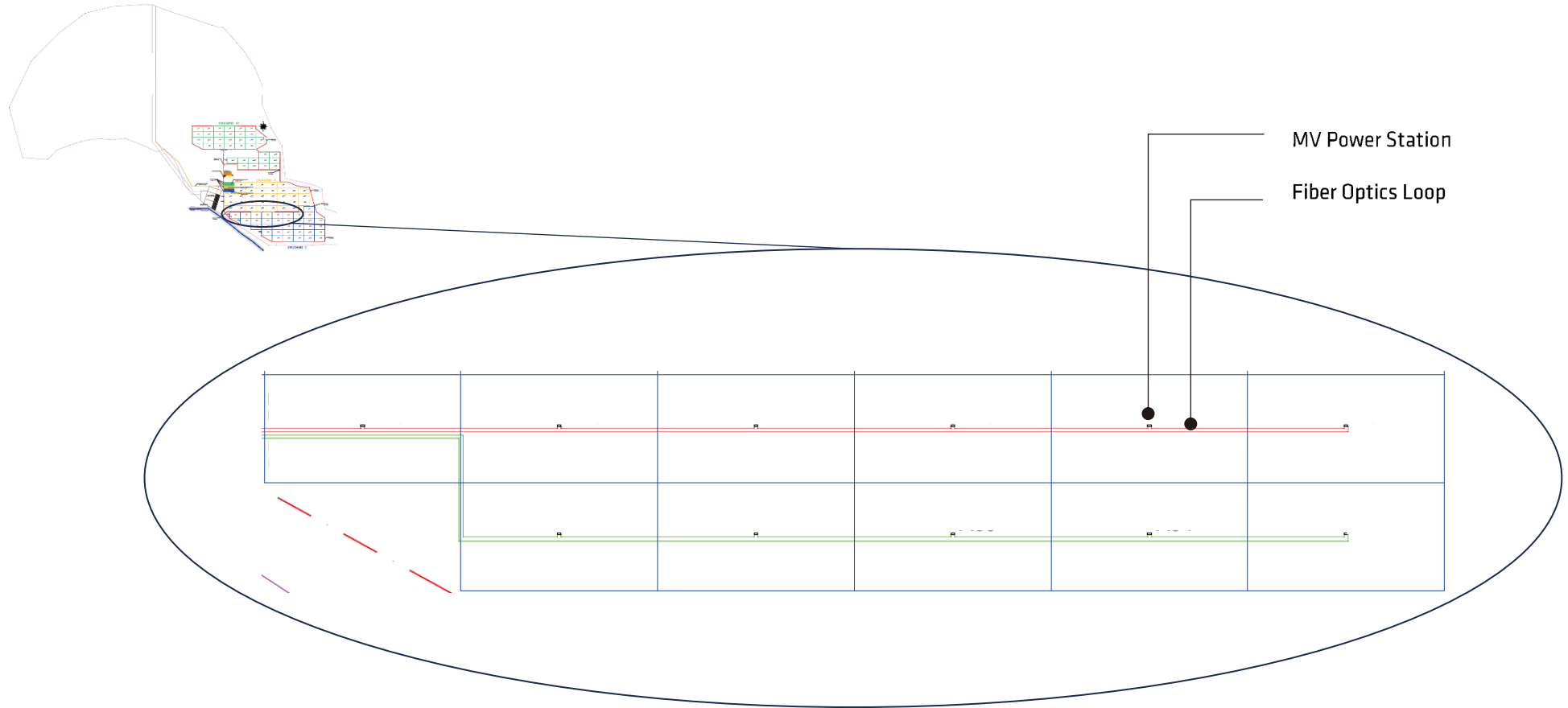


Figure 1: Solar Field – FO Loop Sample

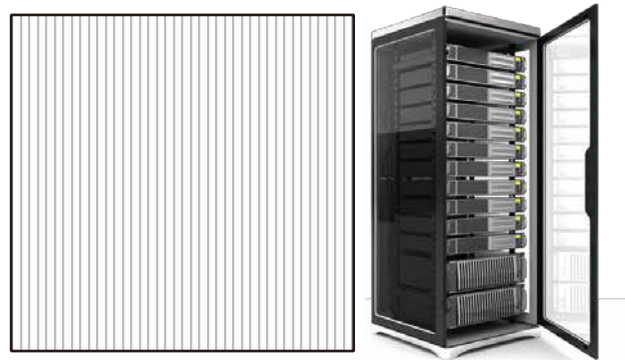


Figure 2: Central Control Area & Pry-Cam Local Server

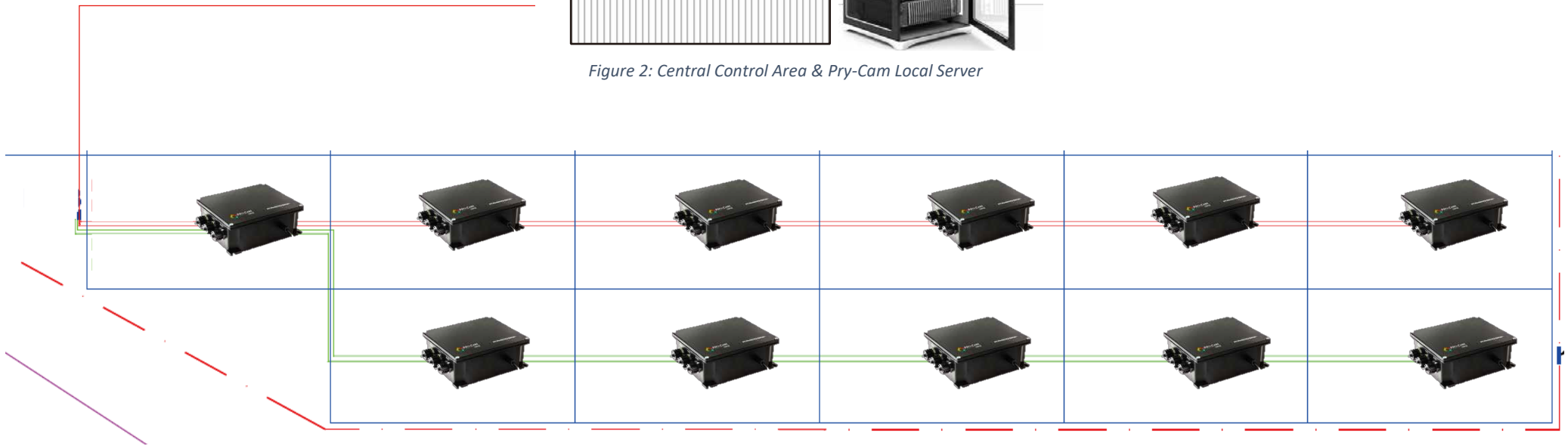


Figure 3: Cauchari I - Pry-Cam Grids on Optical Fiber Loop routing. Same arrangement on other loops

| Pry-Cam Local Unit Details |  |
|----------------------------|--|
| Power Supply               | AC 230/110v / 15W Peak   |
| Data Transmission          | FO Single Mode, Daisy Chain  |
| Fo interface               | Media Converter ISW-621S15   |
| Box Sizes                  | Box IP65 40x40x20cm including both Pry-Cam Grids and Media Converter |

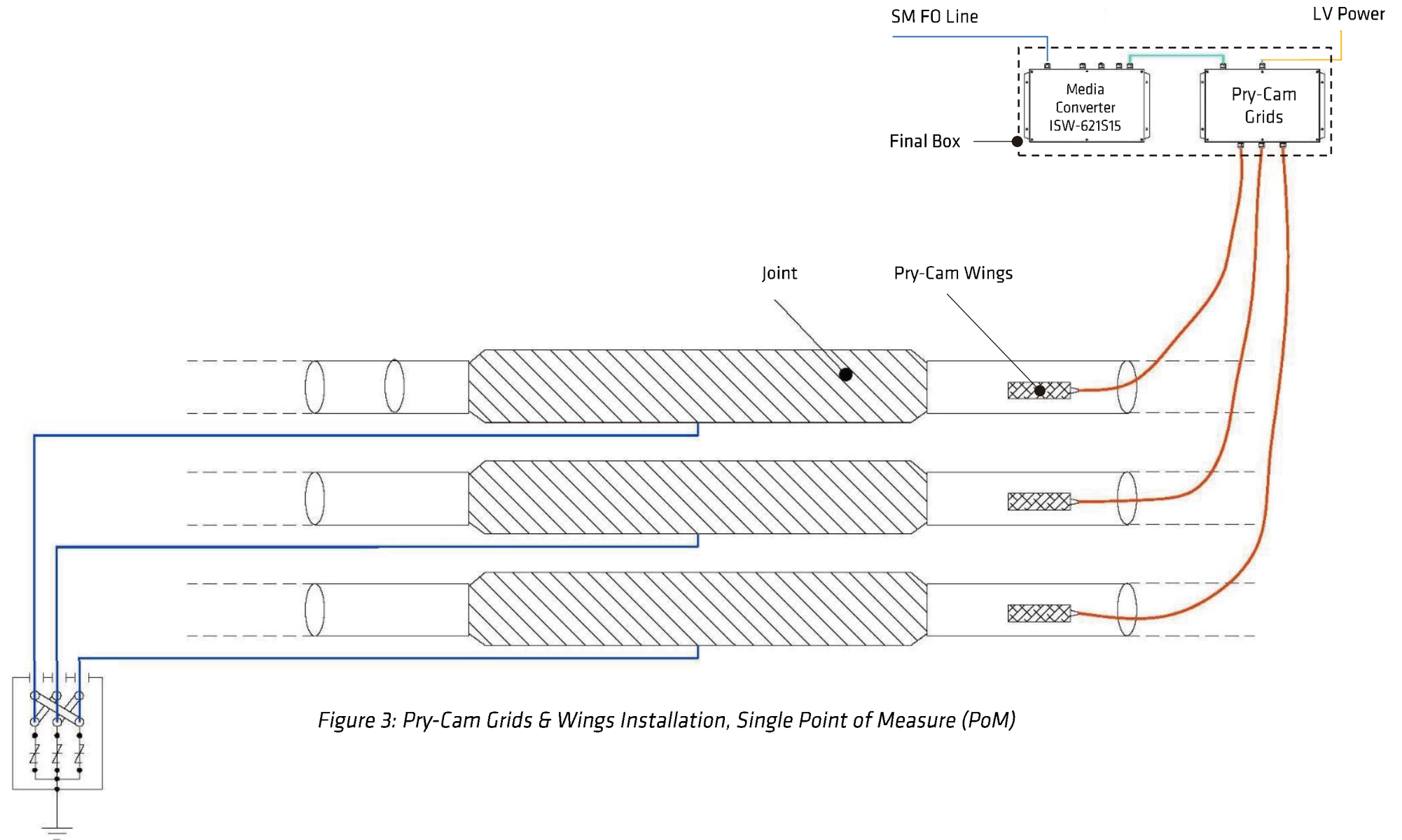


Figure 3: Pry-Cam Grids & Wings Installation, Single Point of Measure (PoM)

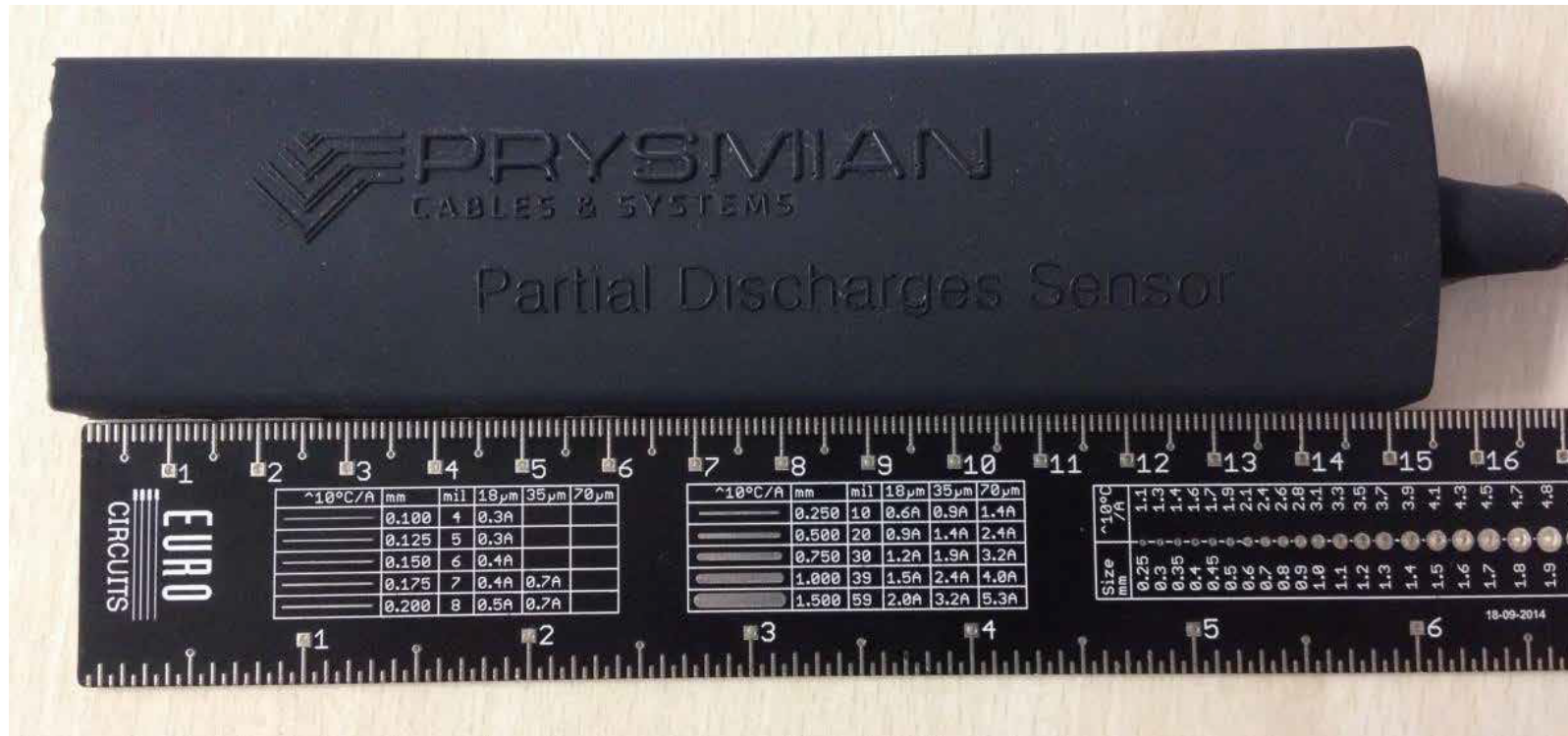


Figure 4: Pry-Cam Wings Sensor Body

**Pry-Cam Wings PD Sensor Detail**

|                     |  |
|---------------------|--|
| Cable type & length | 10 mtrs, PE insulated Ethernet Cat. 5e (suitable for outdoor)                            |
| Sensor              | Electromagnetic active sensor, casted in silicone rubber, IP68 protection grade          |
| Connector           | RJ45 in rugged IP67 enclosure with dust cap  |
| Weight & Sizes      | 50g ca., 150mm x 15mm x 40mm   |
| Positioning         | Direct contact on cable insulation, close to the accessory to be monitored. Not to pinch |