

Base Stations Management Solution

● IAP FieldAgent for Distributed, Intelligent infrastructure management:

CPU:	ARM 9 Processor.
Co-processor:	Data Co-processor for hardware AES-128 data encryption.
DC power input:	5Vdc, 9-40Vdc, USB, PV panel, Lithium battery High power availability when 2 power inputs are used.
Radios modems:	2 radio modems on PCIE extension cards: GSM, HSPDA, LTE, LORA, SIGFOX, ZIGBEE, IEEE 802.11.
Serial ports:	3 RS232, 1 RS485/MODBUS, 1 MDB (RS232), 1 Console.
USB:	One on housing, +2 with PCIE extension cards (optional).
LAN:	10/100 Mbs.
Temperature Sensors:	Max. 64 sensors 0.5 °C accuracy from -10 °C to +85 °C.
Digital in/outputs:	10, for infrastructure control (control of valves, pumps, etc.)
Analog inputs:	4 conventional + 1 High speed for signal processing.
Antennas:	2 for radio, 1 for GPS.
Extensions:	1 40 pin extension connector, 2 PCIE extension sockets.
Enclosure:	IP66, optional ATEX.

● IAP power meter:

Channels:	9 channels, single or 3 phase.
Num of units:	Max 10 units (90 channels).
CT Types:	Split core, Hanging, Clip-on.
Parameters:	Basic: VLL, VLN, Amps, Frequency Power: W, PF, VA, cos phi. Energy: Wh, Load Hours.

● IAP IO-extender:

Input channels:	16 digital alarm input channels. 0 – 50Vdc. ESD protection.
Output channels:	8 relays for controlling AC/DC devices (airco, ventilators, etc) 8 Open collector outputs for controlling DC low voltage devices.
Num of units:	Max 4 units (64 inputs, 64 outputs).

