

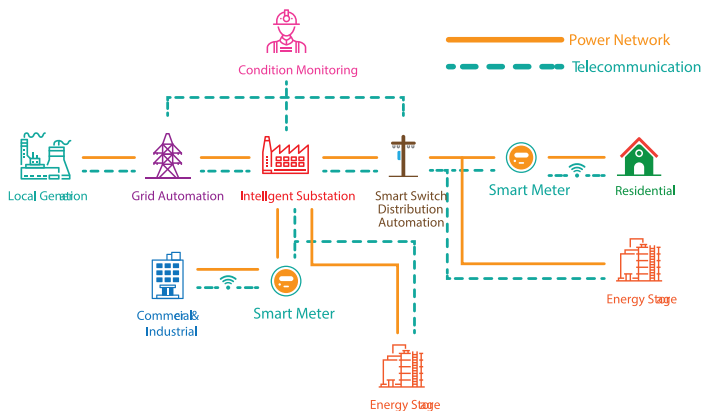
## Why Smart meter?

Because the smart meter records when and how much of energy has been consumed, the user is able to understand and improve the behavior to save energy consumption per month. Meanwhile, power companies may study the data and adjust the price and energy productivity according to the specific time of day or season. According to the research from Oxford University, the smart meters may assist user by saving 5~15% cost in energy consumption; therefore, the smart meter gradually becomes the mainstream of meters in the market.



## The fact

The smart meters are part of the smart grid, which is the electrical grid that includes a variety of operational and energy measures. The electronics power conditioning and control of the production and distribution of electricity are essential aspects of the smart grid. Since it is a public infrastructure, most of the countries implemented it by the government together with the energy company. The life cycle of these devices are around 10 to 15 years, therefore the durability is the keys when you design the products.



# SMART METER CONNECTIVITY SOLUTIONS

SCAN FOR MORE INFO



[www.attend.com.tw](http://www.attend.com.tw)

10F-6, No.81, Sec.11, XinTai 5th Rd., XiZhi Dist., New Taipei City, 22101, Taiwan  
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Connect to Your Success

# GETTING SMART SAVING MORE

## What is Smart meter?

A smart meter is an internet-capable device that assists the user to measure energy usage; it's initially designed to monitor electric consumption of a house, community or commercial district. Since the internet becoming more widespread, the smart meter has been applied to measure water, natural gas...etc.

## Your reliable partner

ATTEND Technology has been a professional connectivity solution provider based in Taiwan since 2002. Specialized in various connectors and cable product, we pro-actively participate in our clients' business and offer customized connectivity solutions, we are able to fit with any requested and to enable our customers to develop innovative products and to gain a competitive edge in the market globally.

Find out all our available solutions which may support your innovation design, testing, and research. For more detailed information, please contact our local distributor, sales representative and our sales team directly. Visit us at [www.attend.com.tw](http://www.attend.com.tw)

## RJ45 series

It is the most common data transfer channel connector. ATTEND offers the multiple selections of RJ connector series with stable and durable material solution.



### RJ45 [Plastic]

Product	P/N
RJ45, w/LED	211B-11C0A-R
RJ45, 6P6C	210B-66CA0-R

### RJ45 [Shielded]

Product	P/N
RJ45, 1x1 w/EMI Tab, w/LED	211A-XXCAA-R01
RJ45, 1x1 w/o EMI Tab, w/LED, Vertical	213B-11CBA

### RJ45 [Combo Port]

Product	P/N
RJ45, USBx2	205G-CCN0

## SIM series

SIM card connectors allow the devices to communicate via the GSM, GPRS, NB-IOT, LTE-M, SMS, and MMS technology in data collection. ATTEND SIM card connectors provide the industrial designer a compact selection.



### SIM

Product	P/N
SIM card socket dual port, push-pull	115H-BA00
SIM card socket, push-push	115A-ADA0-R02
SIM card socket, plastic hinge	115B-AAA0-R01
SIM card socket, hinge type	115G-AAAA-R
Micro SIM card socket, push-pull	115I-AEAA
Micro SIM card socket, push-push	115Q-BCA0
Nano SIM card socket, with tray	115S-ACA0
Nano SIM card socket, push-pull	115U-A000
Nano SIM card socket, tray-push push	115U-A101
Dual Nano SIM, tray-push push	115U-B100

## USB series

Industry standard USB Connectors and cable assemblies are one of the most common connectors in people's life for data exchange and power supply without a host PC across. ATTEND offers the multiple selections of USB connector series with a stable and durable material solution.



### USB

Product	P/N
USB2.0 A type	205B-DAN0-R
Micro USB B type, DIP	207A-BAB0-01
Mini USB2.0 B type	202A-FBNR-R03
USB Type C, right angle, hybrid type	217B-AG01

## SD Card series

As the data read and write unit, SD card can be the secondary data memory unit for the security.



### SD card

Product	P/N
SD card socket, push-push, w/card lock	104H-TDA0-R01
SD card socket, push-push, w/switch	104D-TCA0-R06

### Micro SD

Product	P/N
Micro SD socket, push-push	112A-TAAR-R03

## PCI Express series

The PCIe module is used to design as the Wifi module in the smart meter as the wireless data transfer solution. ATTEND offers a wide variety option for your design purpose.



### Mini PCI Express

Product	P/N
Mini PCIe socket, H=4.0mm	119A-40A00-R02
Mini PCIe socket, H=5.6mm	119A-56A00-R02

### M.2(NGFF)

Product	P/N
M.2 socket B type, H=4.0mm	123A-40B00
M.2 socket E type, H=4.0mm	123A-40E00

## Cable series

RJ cable, RF cable, USB data transfer/power cables are the most common cables for the smart meter. We are offering a 100% customized cable solution to fit your design needs.



### Micro Coaxial RF connector

Product	P/N
Micro Coaxial RF, H=1.25mm	321A-33125
Micro Coaxial RF, H=0.60mm	321C-220601