Vision Metering™

Data on Demand

Affordable Automatic Meter Reading System designed for:
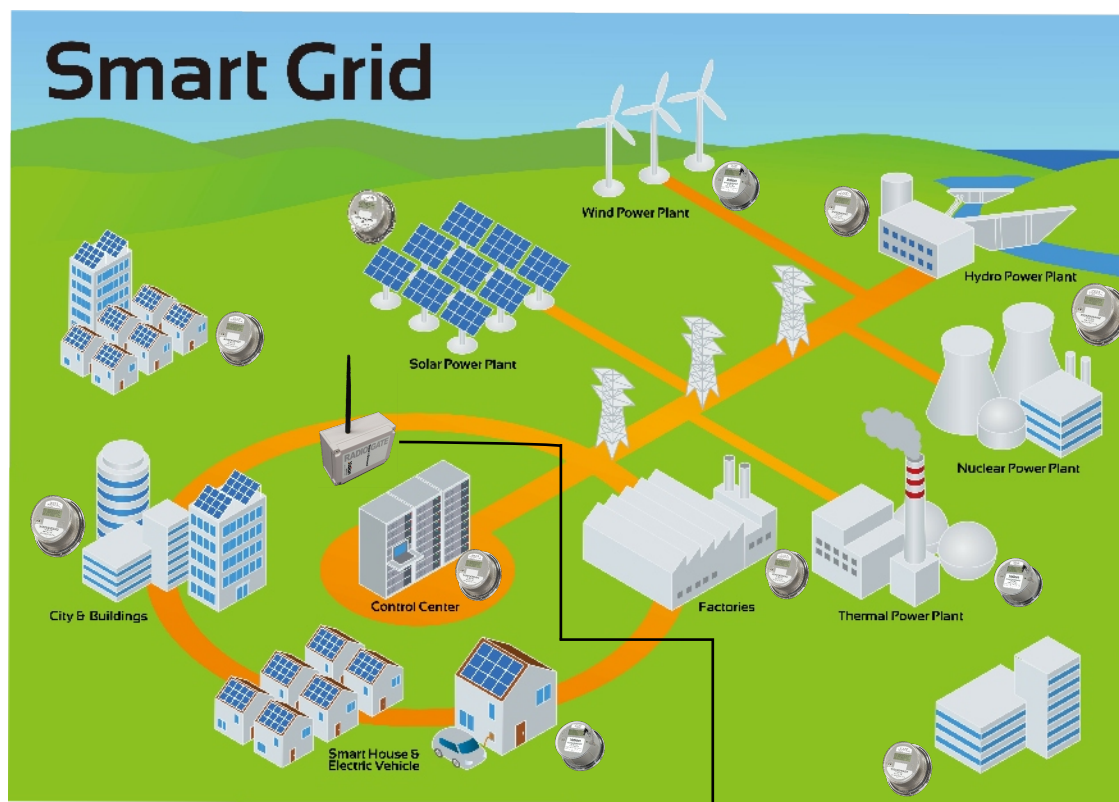
Small Electric Utilities

Sub-Metering of -
Apartment Complexes
College Campuses
Business Parks
Marinas & RV Parks

Data on Demand is a very simple system designed to read your meters automatically as often as every one minute. Vision Meters, equipped with 900 Mhz radios, transmit a string of data on a routine basis, (typically every 10 seconds). The meter's data will be collected by any DataGate installed within 1000 meters and within a clear line of sight. The DataGate can be connected to the Internet via Ethernet or information can be repeated via other DataGates. A direct connection can also be made to the DataGate from a nearby computer which also has a DataGate connected.

Once per minute the EndSight software will poll the DataGates to acquire all collected information. Vision's singlephase, network and polyphase meters equipped with 900 Mhz radios will work in the Data on Demand System.

The 20/20 Programming Software is used to select the data that the meter will transmit to the DataGate . Vision's EndSight Software will collect, store and report all collected information. Data from EndSight can be exported to Excel and other spreadsheets.

EndSight is a powerful, easy to use software written by Vision Metering to collect information from the DataGates. It provides the ability to get real time data and detect system anomalies related to voltage and current.

EndSight Software

VISION Metering™

Available forms:

1S, 120V, Class 100
2S, 240V or 480V, Class 200 or Class 320
3S, 240V, Class 20
4S, 240V, Class 20
5S, 120V/480V, Class 20
6S/36S, 120480V, Class 20
12S, 120/208V, Class 200
8S/9S, 120480V, Class 20
14S/15S/16S, 120480V, Class 200 or Class 320
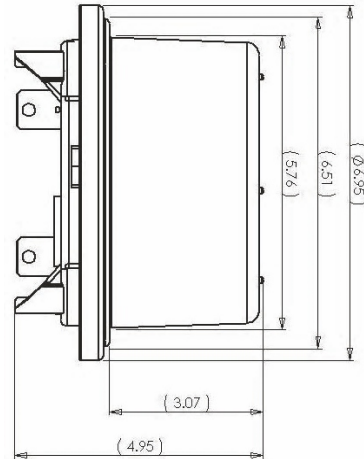
Applicable standards (meets or exceeds)

• ANSI C12.12001 for electricity metering
• ANSI C12.101987 for watthour meters
• ANSI C12.20 1998 for solid state electricity meters
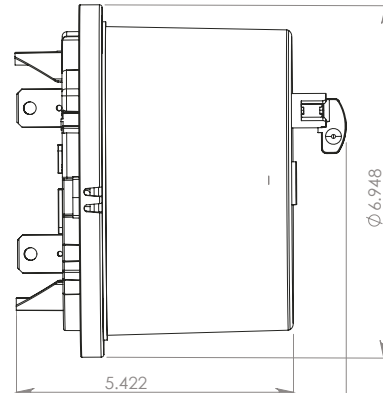• ANSI C37.90.11989
• ANSI C12.18
• ANSI C12.19

Singlephase

(5.76) (6.51) Ø 6.95
(3.07)
(4.95)

Polyphase

Ø 6.948
5.422

Standard features:

Outputs: Ethernet, Mini USB
Repeater function
Onboard Memory
Pulse Inputs: Two Form A
Pulse Outputs: Two Form A

Optional features

Cellular Modem
External antenna
Expanded Memory
RS232

DataGate Collector

Meter capacity: Unlimited
Range: Up to 1,000 yards
Output formats: MVRS, ModBus/TCP

12/2016