

EXPAND DATA GATHERING AND ANALYSIS FOR MORE INFORMED DECISIONS

Advanced Insights Help Grow Revenue and Improve Reliability

Alpha[®] 4 Residential
and C&I Meters



Bringing You Into the Future with Alpha[®] 4 Meters

Rethink What An Electricity Meter Can Do

Welcome to the future of advanced metering. The Alpha 4 is packed with industry-leading capabilities and processing power for advanced grid applications, delivering real-time data insights and edge intelligence for today's metering needs as well as capacity to grow with future grid applications — all on a single platform!

Turn Insights Into Action

Alpha 4 meters help you ensure reliable, efficient service:

- **Expanded data gathering and enhanced processing power** give you significantly more grid information to monitor and analyze, allowing you to gain deeper insights into particular service areas, usage and more.
- **More system and communication flexibility** opens a range of system and data collection choices, eases integration, and increases interoperability across your entire system.
- **Industry-leading memory** enables you to store more metrology data over longer periods of time and lock in readings that may be underway when a power loss occurs. Collect simple billing reads on time without sacrificing functionality on channels and instrumentation values.



Generate Better Results Through The Alpha 4 Expanded Meter Capabilities

	ALPHA 4 RESIDENTIAL	ALPHA 4 C&I
Processor	ARM, dual core, 100 MHz, 32-bit CPU	
Quantities measured in engineering units (kWh, kVARh, kVA, etc.)	<ul style="list-style-type: none"> • Resolution for summations is 0.001 Wh/VARh/Vah • Resolution for demand is 0.001 W/VAR/VA 	
Main circuit board flash memory	8 MB	16 MB
Extensive load profiling capability	<ul style="list-style-type: none"> • 1-minute intervals • Up to 6 quantities • 60-day storage capacity 	<ul style="list-style-type: none"> • 1-minute intervals • Up to 8 quantities • 60-day storage capacity
Extensive instrumentation profiling	<ul style="list-style-type: none"> • 1-minute intervals • Up to 12 quantities • 55-day storage capacity 	<ul style="list-style-type: none"> • 1-minute intervals • Up to 32 quantities (C&I) • 60-day storage capacity
Event log	Up to 1000 events logged with time and date stamp	
History log	Stores up to 1000 time and date stamped entries of configuration changes and upgrades as an audit trail	
Temperature monitoring	Temperature monitoring within the meter with configurable service disconnect temperature threshold (if optional service control switch is installed)	
Midnight snapshots	Up to 365 stored reads	
Self reads	N/A	Up to 40
Service control switch	Available option	Future capability

For more information

SmartEnergy@honeywell.com
 www.honeywellsmartenergy.com
 @HoneywellNow

Honeywell Smart Energy

208 S. Rogers Lane
 Raleigh, NC 27610
 800-786-2215 (Sales information)
 866-554-9007 (Product support)

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