

Certicom AMI 7200

Certicom Key Management Appliance

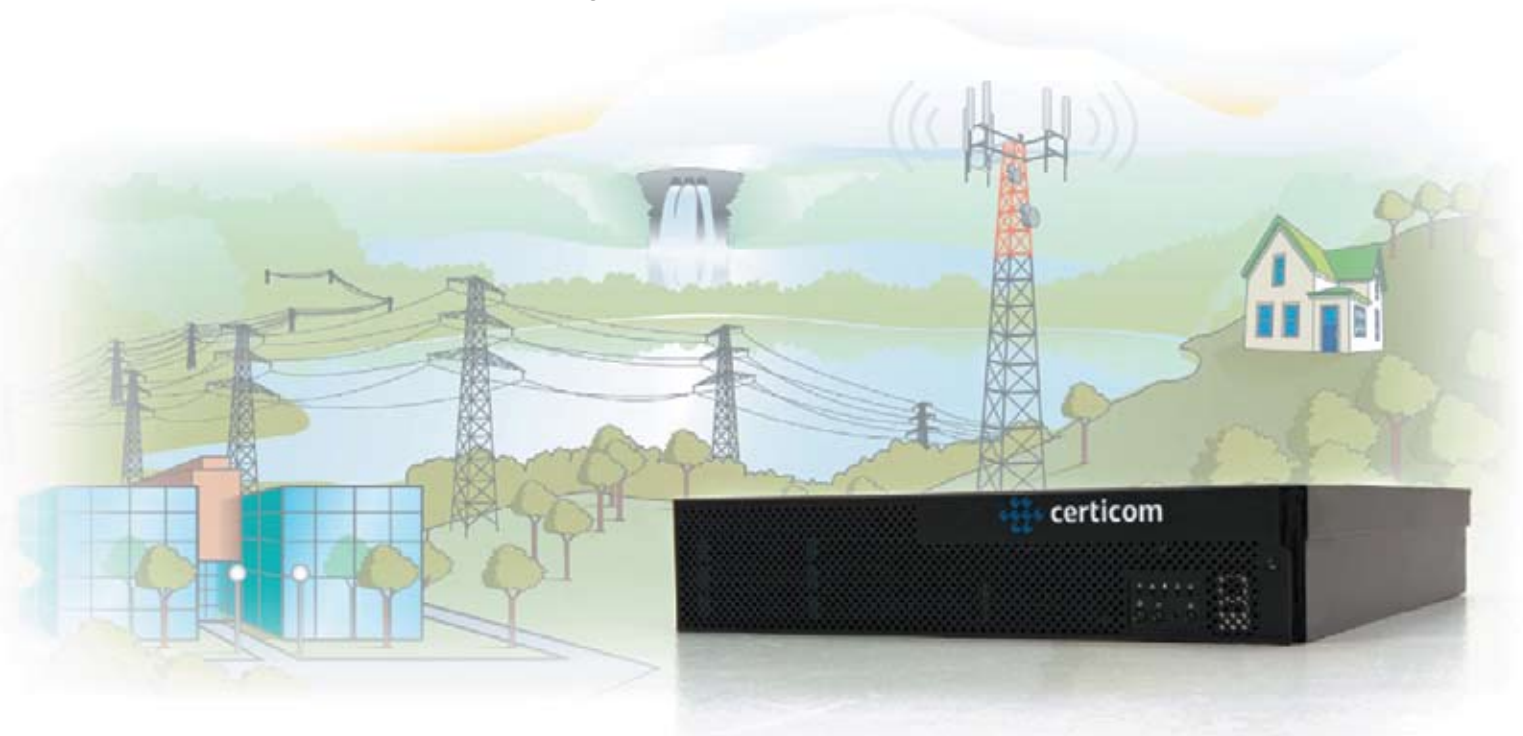
The Certicom **AMI 7200** is a specialized key management appliance that is specifically designed to provide the foundations of security to infrastructure controlling advanced utility meters. The AMI 7200 stores and manages cryptographic keys for meters and allows you to quickly deploy a root of trust using an industry recognized, security standards based turn-key solution.

BENEFITS

- Production proven signing and encryption appliance to secure advanced meters in large deployments
- 24x7 Operations grade support contracts to protect system availability
- “Drop in” security solution to store, manage and track cryptographic keying material that is used to remotely secure advanced meters
- Mitigate personnel risks with multi-administrative smart card control of appliance
- Prevents eavesdropping and malicious infiltration of metering network
- Prevents false commands and replay attacks
- Ensures meter network availability with hot and warm standby redundancy optional appliance configurations
- Adheres to NSA Suite B cryptographic requirements

FEATURES

- System wide key management with capabilities to perform key rollover and meter revocation
- Decrypts all transmitted meter reading data



System Specifications

Cryptographic Key Strength

- 128-bit or 256-bit effective cryptographic strength utilizing US government grade algorithms
- ECC (asymmetric), AES (symmetric)

Processor

- 2 x Intel 45nm Enhanced Quad Xeon CPUs

Network Interfaces

- 2 x 10/100/1000Mb On-Board Interfaces

Raid Storage

- 5 x 146Gb SAS 2.5" Hot Swap HDDs
- 2x 2 HDDs RAID 1 Configuration
- 1 HDD hot spare

System Administration

- Secure Shell (SSH) Console Administration Authentication with Operator Smart Cards

Enclosure

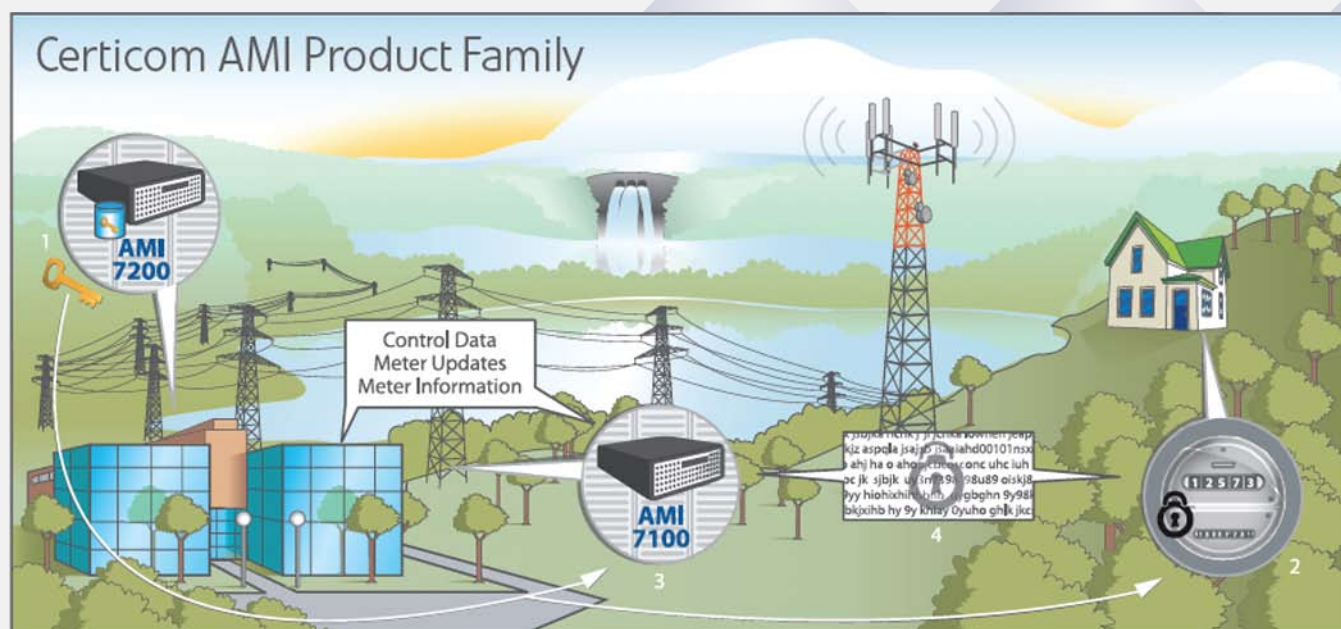
- Form Factor: 2U rack mountable(20" depth)

Power Supplies:

- 600W AC Auto ranging (Optional DC)
- Optional 2nd Dual Hot Swap Power Supply

Operating Environment:

- Temperature – Operating 10°C to 35°C (50°F to 95°F)
- Temperature – Non-Operating -40°C to 70°C (-40°F to 158°F)
- Humidity – Non-Operating 50% to 90%, non-condensing with a maximum wet bulb of 28°C



24x7 Operations Support and Maintenance Agreements

Certicom recognizes the critical nature of manufacturing operations and offers the expected service level agreements (SLA) that are **essential for supporting global, high volume device production**. Expert, in-house support staff operates our critical severity response hot line and work closely with escalation engineers in North America and the Asia Pacific region. Certicom is proactive in keeping customers on an **upgrade path that is consistent with future releases** and ongoing product roadmap.

About Certicom

Certicom manages and protects the value of your content, applications and devices with security offerings based on Elliptic Curve Cryptography (ECC). Some of world's leading chip manufacturers rely on Certicom Asset Management System to reduce costs, deliver strong brand protection and provide new revenue enhancement capabilities.

