

CyberKey Authorizer Hub Network and Modem



Part numbers:

AH-MS1	120V, 60Hz USA/Canada
AH-MS2	220V, 50Hz Europe
AH-MG1	120V, 60Hz Global
AH-MG2	220V, 50Hz Global

The CyberKey Authorizer is a remote interface that allows a computer and a key to exchange information via either a network connection or its built-in modem. This allows a CyberLock system spread out over a large geographical area to be controlled from one location.

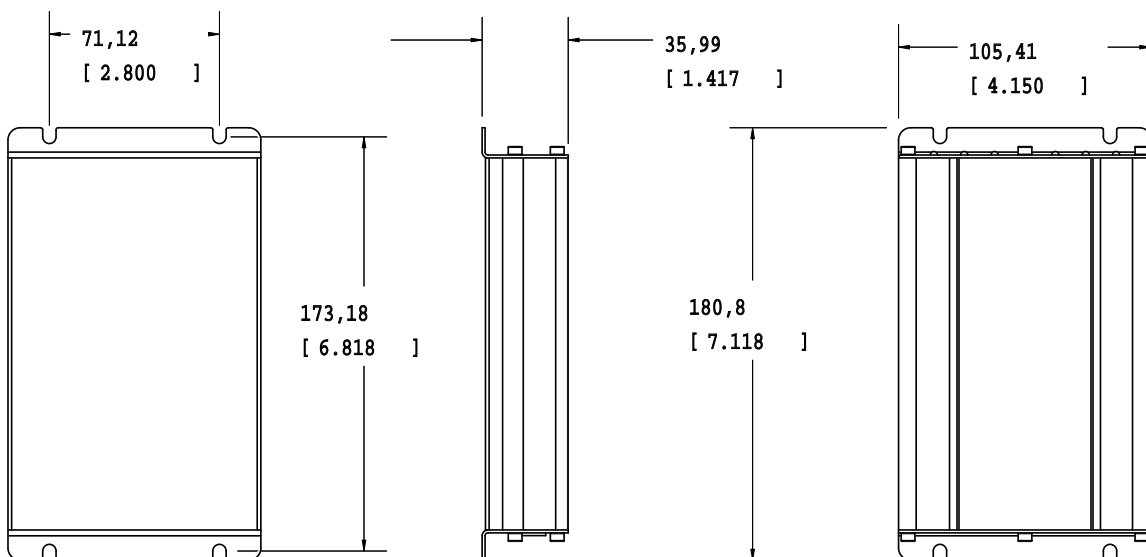
In addition to being a remote terminal, an Authorizer hub stores key configurations. This storage ability allows it to program a key even if it doesn't have a current connection to the CyberAudit database. It also downloads and stores the audit trail of known keys that touch a keyport and relays this to the database the next time it has a connection.

Several indicator lights show the status of the network, modem, and keyport connections. The hub can control two Authorizer keyports. These can be placed up to 100 feet away from the hub.

The Authorizer has two available modem configurations. Type 1, indicated by the first two part numbers above, supports the USA, Canada, and most European countries. Type 2 supports most other countries. A complete list is available from Videx technical support. The hub is available with either a 120V, 60Hz or 220V, 50Hz power supply.

The CyberKey Authorizer hub is part of the CyberKey Authorizer system. It requires an Authorizer keyport to function. Please see the Authorizer keyport data sheet for more information.

Notes:
Dimensions in mm (inches)
Drawing not to scale



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Specifications

Physical	<ul style="list-style-type: none"> • Finish: Black powder-coated extruded aluminum • Dimensions: 1.42" H x 4.15" W x 7.12" L (3.60cm H x 10.54cm W x 18.08cm L) • Weight: 15.3 ounces (433.7g) • Operating Temperatures: 32° to 122° F; 0° to 50°C; indoor installation
Power	<ul style="list-style-type: none"> • Input: 12VDC, 300 MA. • AH-MS1, AH-MG1 have a 120V, 60Hz transformer. • AH-MS2, AH-MG2 have a 220V, 50Hz transformer.
Connections	<ul style="list-style-type: none"> • RJ-45 for 10baseT Ethernet, 2 RJ-45 for keyports, 1 RJ-11 for modem line
Indicator Lights	<ul style="list-style-type: none"> • Link, Activity, Keypoint 1, Keypoint 2, Serial, Modem, Power
Analog Modem (33Kbs)	<ul style="list-style-type: none"> • Line Connection: PSTN, 2 wires, RJ-11 • Data Transmission: 33600 bps • Auto Answer: Yes • PTT: FCC Part 68 • EMI: FCC Part 15 Class A
Ethernet	<ul style="list-style-type: none"> • Type: 10BaseT; 10 Mbps, RJ-45 • Length: 250 feet (76.2m) maximum using Cat 5 cable
Clock	<ul style="list-style-type: none"> • Real time clock with one-hour back-up power
Regulatory Compliance	<ul style="list-style-type: none"> • FCC
Memory	<ul style="list-style-type: none"> • 2MB Flash
Additional Features	<ul style="list-style-type: none"> • A system connected via modem downloads hub daily. • A system connected via ethernet downloads each hub with each change of status. • Both modem and ethernet connected units are updated after changes are made to the CyberAudit software.

Memory capacity of the hub varies with use, and is based on:

- | | |
|--------------------------------|------------------------------------------------|
| • Total key list for that hub | • Number of keys downloading events to the hub |
| • Total lock list for that hub | • Number of events downloaded from each key |

Examples:	<u>Total storage of</u>	<u>Leaves adequate memory for</u>
	1000 keys & 250 locks	15 key downloads of 250 logs each
	950 keys & 200 locks	15 key downloads of 1000 logs each
	550 keys & 200 locks	125 key downloads of 1000 logs each
	500 keys & 200 locks	500 key downloads of 250 logs each
	16 keys & 200 locks	1000 key downloads of 250 logs each