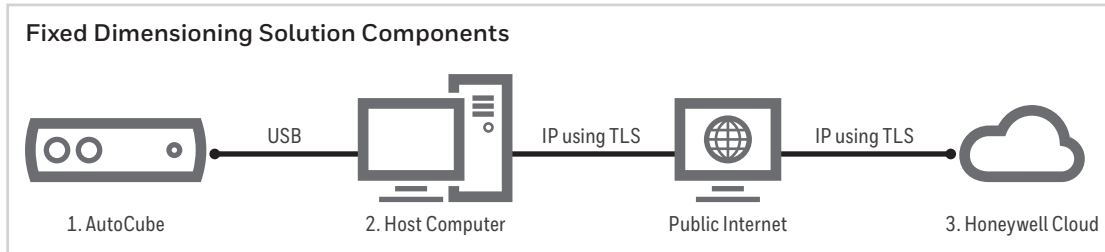


AutoCube Security

Solution Highlights and Security Overview

Solution Highlights

The Honeywell AutoCube™ 8200 fixed dimensioning solution consists of three key components: 1) camera, 2) host computer, and 3) Honeywell Cloud (see diagram below).



The camera connects to the host computer using a standard USB connection to receive data from the camera and allow for configuration of the camera using a small Windows® client that is installed on the host computer. The host computer then connects to the Honeywell Cloud through the Internet to register the device and receive software updates.

Security Approach and Overview

AutoCube 8200 was developed using a secure software and product development lifecycle focused on creating a solution that can operate in the challenging and changing environment of today's connected landscape. The lifecycle accounted for understanding the potential threats to a connected solution like AutoCube and implemented countermeasures to protect the solution from potential exploitation, including:

Industry-Standard Encryption – AutoCube 8200 leverages 256-bit AES encryption for Data at Rest and Data in Transit. Connections are always encrypted using TLS 1.2 or higher.

Secure Cloud Connectivity and Security – Data provided to either the Honeywell or Customer Cloud is encrypted in transit and while resident in the Cloud. The AutoCube client software initiates all communication and is designed so that it will not respond to any unsolicited queries. All Honeywell Cloud environments are protected with Next Generation Application Firewalls along with state-of-the-art Intrusion Prevention and Detection Devices. Plus, all Honeywell Cloud

environments are monitored by a dedicated Honeywell Security Operations Center.

Trusted Operating System – Honeywell signs all hardware operating system software with a unique Honeywell Certificate that ensures only valid Honeywell-approved software can be installed on the device.

Secure Updates – AutoCube 8200 permits updates from Honeywell to provide up-to-date software patching to address potential new cybersecurity threats. These updates are signed using a Honeywell Certificate, which precludes installation of non-approved software.

For more information

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