



Datasheet – Scanner Appliance



The Scanner Appliance is a self-contained unit that works with the Streamcheck system to measure the quality of streaming media delivery. The Scanner Appliance runs software developed by Streamcheck which mimics the behavior of a streaming media end-user.

By installing Scanner Appliances, customers can take measurements from the precise network nodes that best represent their streaming infrastructure. These measurements can be combined with Streamcheck's existing scanner teams or used separately.

Target Scenarios

- * Corporate intranets – measure and maintain the quality of your internal streaming content.
- * Foreign resellers – create a network of scanners in your region that provides the most relevant data for your customers.
- * Hardware vendors – bundle a Scanner Appliance with your serving or caching hardware so that quality assurance is an integrated feature from day one.

Control

Streamcheck's central back-end system takes care of scheduling measurements and collecting results. Customers use the same real-time web interface for controlling measurement tasks and analyzing data. Email and pager alerts as well as daily email reports are also available and have the same flexibility as Streamcheck's standard service.

Maintenance

Streamcheck staff monitors the Scanner Appliance on a regularly basis and performs routine upgrades and maintenance. Upgrades are particularly important for this application because new versions of the streaming media players are released frequently as are new or updated codecs.

Installation

The self-contained design of the Scanner Appliance, combined with Streamcheck's outsourced approach to maintenance and control makes installation extremely simple. Simply supply standard AC power and an Internet connection!

Pricing

Scanner Appliances are provided on a yearly lease basis. Contact your Streamcheck representative for prices.

Capacity Planning

The measuring capacity of a single Scanner Appliance depends on the bitrates of the streams measured. Higher bitrate streams consume more CPU power and bandwidth thus lowering the number of streams that can be measured simultaneously. Capacity is also affected by the check duration. Streamcheck normally performs one minute tests. Lowering this number increases the number of checks that a single Scanner Appliance can perform per day.

The following table can be used to estimate capacity:

Bitrate range of streams (kbps)	0 - 100	100-500	>500
checks per day (assuming 60 second checks)	6000	4000	1000
Simultaneous streams measured (assuming 10 checks per hour)	25	16	4