

## Ineoquest IQMediaMonitor

### Introduction

IQMediaMonitor by IneoQuest is a real-time monitoring solution for streaming video over IP that is used with the IneoQuest Remote Video Monitoring System. It allows for monitoring, maintaining, and troubleshooting the QoS at the router/switch of a fully loaded Gbe network. IQMediaMonitor is based on a reconfigurable FPGA technology to allow for evolving technology to be added by software upgrades. It uses a Java Application to inspect all video streams in the network from several remote IQMediaMonitor platforms. It provides automatic notification of streaming errors to network operators.

### Features and Benefits of IQMediaMonitor

It can monitor streaming content anywhere in an IP network from several remote IQMediaMonitor Platforms.

Measurements of MDI-cumulative IP Jitter, packet loss, IP bit-rate, RTP sequence errors, and video payload.

Validates transport stream integrity.

Automatic video over IP flow detection.

Supports SNMP v2 for use in automatically logging IP networks across multiple remote sites.

Provides independent alarm thresholds logging and statistics.

Remotely monitor network statistics and session logs.

Features IQ Remote Video Link for a user to remap live video over IP on a backchannel for local video decode and analysis.

Includes application software java based application.

This is a comprehensive monitoring solution for detecting and allowing a network operator to resolve issues before reaching a customer. This allows for customers to get major quality assurance.