

White Paper

ST7501 Performance with VIVOTEK 2-Megapixel Cameras

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Revision History

Version	Issue date	Author	Comment
1.0	2009/11/12	Peggy Li	First release

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Introduction

VIVOTEK's ST7501 Server program is able to record network video streams on up to 32 channels while ST7501 LiveClient allows for real-time remote monitoring. This report explains the performance of ST7501 when monitoring 32 channels of IP7161 2MP cameras at 1600x1200 video size.



1. Equipment

ST7501

Version 1.2.1.3

PC model x1

CPU: Intel i7 920 Memory: DDR III 3G-1333 VGA card: Geforce 9800GT Resolution: 1280x1024 Hard disk: SATA 1TB Ethernet card: 1Gbps

IP7161 x32

Camera settings

Firmware version: 0101c

Video codec: Mpeg-4

Video size: 1600x1200

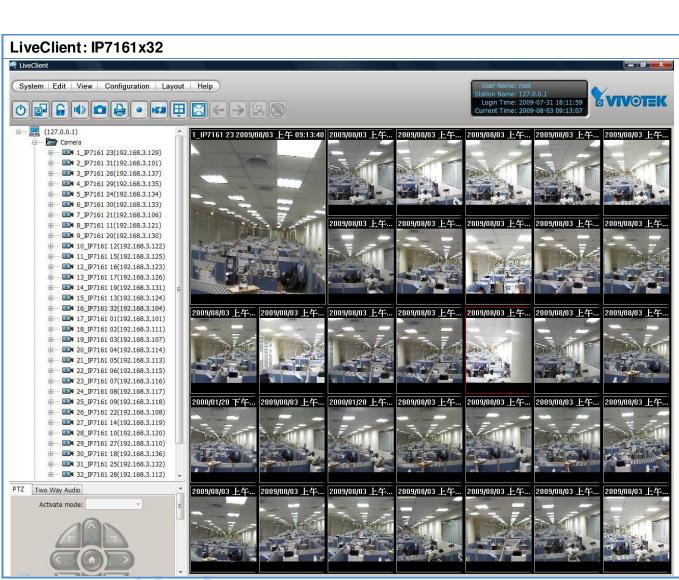
Maximum frame rate: 15 fps

Intra frame period: 1s

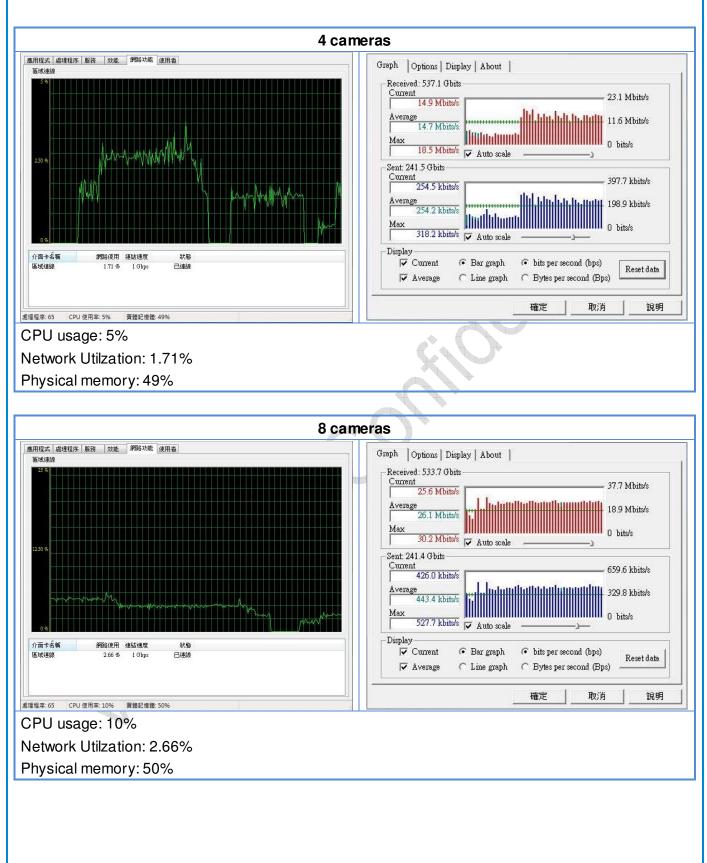
Video quality: Excellent



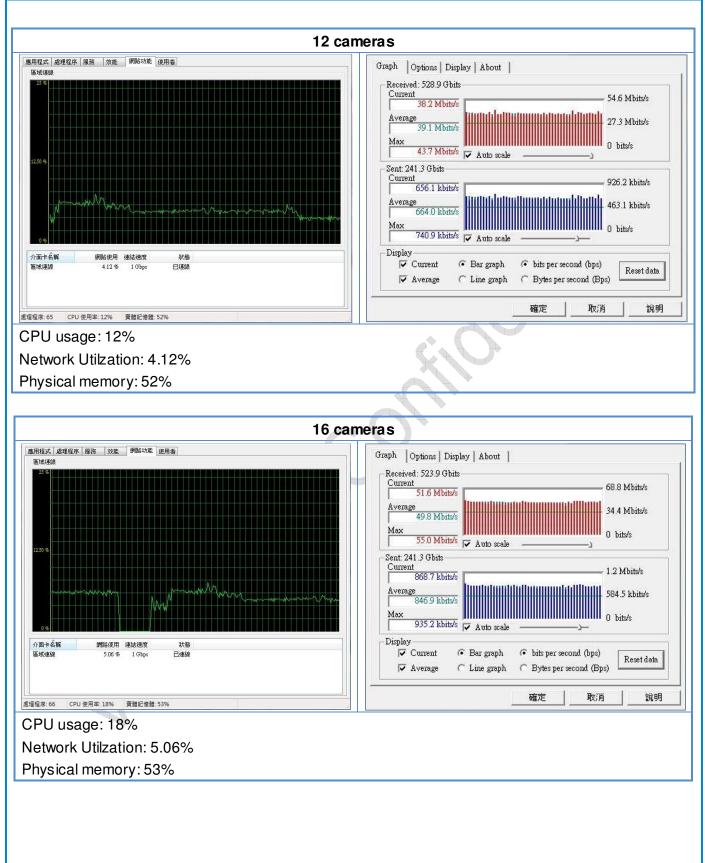
2. Performance



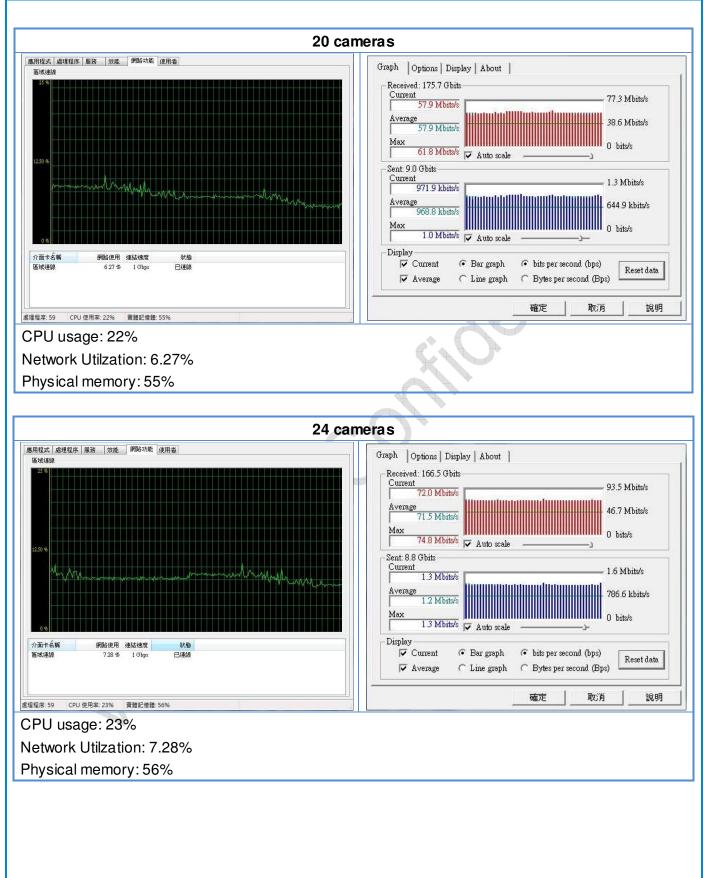












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