

IP VIDEO TOO
EXPENSIVE?
CONFIGURATION TOO
DIFFICULT?
GOOD NEWS.
NOT ANYMORE!

THINK:

30 - 30 - 3
C D F
A A P
M Y S
E S
R
A
S

EASYS

Nothing is easier than the Toshiba IPS-30-30-3 Network Video Recorder.

If you are frustrated at the expense and complexity of designing an IP video system, Toshiba has the perfect answer: Just think 30 - 30 - 3.

The new Toshiba IPS-30-30-3 NVR is the easiest way to create a high-performance, totally networked video surveillance system.

Easily set up an IP system recording 30 cameras for 30 days at 3 frames per second.

It records up to 30 IP network cameras at 640 x 480 resolution for up to 30 days at a reliable 3 frames per second per camera.* And it is fully compatible with Toshiba cameras or those from a variety of other manufacturers. No additional camera licenses. No headaches. Just pure convenience. To find out more visit www.toshibasecurity.com.



**TOSHIBA RECOMMENDS
THE NETGEAR® POE
SWITCH FS728TP**

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IP VIDEO SYSTEM

DESIGN MADE EASY

1

Choose up to 30 IP cameras. These may be a mix of models and brands. Toshiba cameras supported by the IPS-30-30-3 are the IK-WB70A, IK-WD01A, IK-WD01A/3.3-12, IK-WB21A, IK-WB15A, IK-WR01A and the IK-WB02A. For a list of non-Toshiba IP cameras supported by the IPS-30-30-3, visit www.toshibasecurity.com.

2

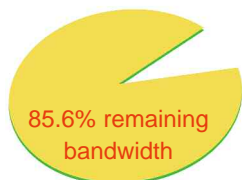
Set camera parameters. Using the chart below, set each of your 30 camera's corresponding resolution, frame rate and image quality.

Camera	Resolution	FPS	Setting	Size	Cameras	Duration
IK-WB70A	640 x 480	3 fps	Medium	20 KB	30 cameras	30 days
IK-WD01A	640 x 480	3 fps	Medium	20 KB	30 cameras	30 days
IK-WD01A/3.3-12	640 x 480	3 fps	Medium	20 KB	30 cameras	30 days
IK-WB21A	640 x 480	3 fps	Low	20 KB	30 cameras	30 days
IK-WB15A	640 x 480	3 fps	Low	20 KB	30 cameras	30 days
IK-WR01A	320 x 240	3 fps	Level 4	20 KB	30 cameras	30 days
IK-WB02A	320 x 240	3 fps	Level 4	20 KB	30 cameras	30 days
Supported IP Cameras* (non-Toshiba)	*	3 fps	*	20 KB	30 cameras	30 days

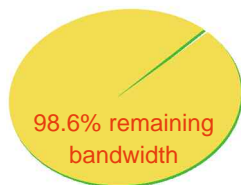
* Resolution and image quality on non-Toshiba IP cameras must be set so that the file size of each frame is 20 KB or less.

3

Confirm bandwidth availability on network. The pie charts below show a typical ISP-30-30-3 system's bandwidth requirements (14.4Mbps - see calculation to right). It is 14% of a 10/100Mbps network and 1.4% of a Gigabit network.



10/100Mbps network



Gigabit network

SPECIFICATIONS

Recording Resolutions	Recording resolutions dependent on the supported resolutions of the network cameras
Max. Supported Cameras	Up to 30
Display Output	DVI-D x 1, SVGA x 1 (Monitor not included)
PTZ Controls	Via IP Protocols
Storage Capacity	1.5 Terabytes
LAN	100/1000 Gigabit Ethernet
Critical Recording Archive	DVD Multi Burner, Network, USB
Password Control	User Defined Access Level
Power Interruption Recovery	Automatic restart after power interruption/recording operation resumes
Remote Connection	TCP/IP, UDP, Internet, LAN, WAN
Power Input	AC 100~240V Input (50 Hz/60 Hz)
Central Processing Unit	Intel® Core™2 Quad 2 Ghz+
RAM	2 GB
Operating System	Microsoft® Windows® XP Embedded
Dimensions (H x W x D)	5.8" x 17.25" x 19.5" (148mm x 438mm x 495mm)
Multi-Site software	Available with optional SCS-OPT software



Connecting fewer than 30 cameras? If you are using fewer than 30 IP cameras with the IPS-30-30-3 you will experience extra recording time beyond the standard 30 days.

In case your customer needs to know how bandwidth requirements are calculated:

$$\text{File Size} \times 8 \text{ bits=1 byte} \times \text{Frame/Sec} \times \text{\# of cameras} =$$

$$20 \text{ KB} \times 8 \times 3 \times 30 =$$

14.4Mbps (millions of bits/second)



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