ESV16

Embedded Network Video Recorder

16 Channel embedded IP video recording

With support for up to 16 IP cameras and 250 Mbps throughput, the ESV16 is a high-performance, cost-effective solution. The 4 removable hard drives (not included) allow for a total of 12TB of storage. User-friendly GUI interfaces on the local recorder, browser or mobile apps minimizes investigation times and ensures connectivity wherever you are.

- Local viewing via VGA
- Up to 16 cameras
- High-performance
    - 250 Mbps throughput
    - Supports (16) 1080p cameras @ 30FPS
- Built-in Analytics on 16 channels
    - Object loss
    - Tripwire
    - Tamper detection
- Search functions
    - Event search
    - Time date search
    - Drill down graphic search
- Hard drive redundancy
    - Configurable RAID 0/1/5

- Customizable Google & eMap capabilities
- eSATA output for extended storage capabilities
- iPhone/iPad app support
    - Live view
    - Playback
    - Audio
    - Snapshots
- Browser functions
    - Configure
    - Live viewing
    - Playback/search
    - Archiving
- Free VMS included (CMS Basic only)
    - Up to 16 recorders
- DHCP server
    - Automatically IP address cameras

ONVIF

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Overview

Max Number of Channels	16
IP Video Channels	16
Local Display	1 VGA
IP Recording Throughput	250 Mbps max, 200 Mbps avg
IP Compressions supported	H.264, MPEG4, MJPEG
Max camera resolution	5 MP
Number of streams per camera	2

Storage

Storage Capacity	12TB (3TB HDD, Not Incl.)
Number of HDDs	4 Removeable SATA
RAID	RAID 0, 1, 5
External Storage	eSATA x 1 (8TB max, 2TB HDD x 4)
Export formats	AVI, MJPEG

Display

Live View	(web) 1/4/16, (local) 1/4
Languages	Multiple languages supported

Inputs/Outputs

Audio Inputs	1 Line in, 1 MIC in, up to 16 on supported cameras
Audio Outputs	1 Line out
USB	6 x USB 2.0
Ethernet	1 Gigabit Ethernet

Remote Clients

Browser Client	Internet Explorer
Smartphone apps	iPhone
Tablet apps	iPad
VMS Software	CMS Basic only

Analytics

Object loss	Yes
Tripwire	Yes
Tamper detection	Yes

Other

Operating System	Embedded Linux
ONVIF	Version 1.02
Cameras supported	500+ [1]
User Interface control	Mouse and Keyboard
(USB Keyboard and Mouse not included)	

Dimensions

Dimension (H x W x D)	8.47" x 7.87" x 12.93"
Weight	14.3 lbs

Environment

Temperature	Operating: 32° to 104°F
Humidity	Up to 80% R.H.

Power

Power Input	AC100 - 240 V - 50/60Hz
Power Consumption	200W

Warranty

Limited Warranty	2 years with 2 years advance replacement

1: For latest supported device list, visit our Integration page:

www.toshibasecurity.com/integration

Four removable SATA HDDs allows storage expansion up to 12TB

Enhance system versatiity with wide range of I/Os including VGA, audio, USB and Ethernet