



# ESV16

## Embedded Network Video Recorder

### 16 Channel embedded IP video recording

With support for up to 16 IP cameras, 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
- 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
- DHCP server
  - Automatically IP address cameras
- 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

# ESV16

Embedded Network Video Recorder

**TOSHIBA**  
Leading Innovation >>>

## Overview

Max Number of Channels	16
IP Video Channels	16
Local Display	1 VGA
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 Languages	(web) 1/4/16, (local) 1/4 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+ <sup>1</sup>
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
------------------	---

<sup>1</sup>: For latest supported device list, visit our Integration page:

[www.toshibasecurity.com/integration](http://www.toshibasecurity.com/integration)



Four removable SATA  
HDDs allows storage  
expansion up to 12TB

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

