



ESV16U/32U

Embedded Network Video Recorder

High Performance, Cost-Effective NVR

With support for up to 16 and 32 IP cameras and 250 Mbps throughput, the ESV16U/32U is a high performance, cost-effective network video recorder. The 4 removable hard drives (not included) allows for a total of 12TB of storage for maximum days of recording. 1U rack mount size optimizes space and maximizes storage density in a server grade chassis.

- Local viewing via VGA
- Up to 16 and 32 IP cameras
- High performance - 250Mbps throughput, supports 1080p cameras @ 30FPS
- Built-in Analytics, via VMS, 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
- 1U space saving rack size
- Customizable Google & eMap
- eSATA output for extended storage
- 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

ESV16U/32U

Embedded Network Video Recorder

TOSHIBA

Leading Innovation >>>

Model	ESV16U IP Recorder	ESV32U IP Recorder
OVERVIEW		
Max Number of Channels	16	32
IP Video Channels	16	32
Local Display	1 VGA	1 VGA
IP Recording Throughput	250Mbps max, 200 Mbps avg	250Mbps max, 200 Mbps avg
IP Compressions Supported	H.264, MPEG4, MJPEG	H.264, MPEG4, MJPEG
Max Camera Resolution	5 MP	5 MP
Number of Streams per Camera	2	2
STORAGE		
Storage Capacity	12TB (3TB HDD, Not Incl.)	12TB (3TB HDD, Not Incl.)
Number of HDDs	4 Removeable SATA	4 Removeable SATA
RAID	RAID 0, 1, 5, 10	RAID 0, 1, 5, 10
External Storage	eSATA x 1 (8TB max, 2TB HDD x 4)	eSATA x 1 (8TB max, 2TB HDD x 4)
Export Formats	AVI, MJPEG	AVI, MJPEG
DISPLAY		
Live View	(web) 1/4/16 (local) 1/4	(web) 1/4/16 (local) 1/4
INPUTS/OUTPUTS		
Audio Inputs	1 Line in, 1 MIC in, Up to 16 ^{*1}	1 Line in, 1 MIC in, Up to 32 ^{*1}
Audio Outputs	1 Line out	1 Line out
Sensor/Alarm Inputs	8	8
Alarm Outputs	4	4
USB	4 x USB 2.0	4 x USB 2.0
Ethernet	1 Gigabit Ethernet	1 Gigabit Ethernet
REMOTE CLIENTS INCLUDED		
Browser Client	Internet Explorer	Internet Explorer
Smartphone Apps	iPhone/Android	iPhone/Android
Tablet Apps	iPad/Android	iPad/Android
VMS Software	CMS Basic	CMS Basic
OTHER		
Operating System	Embedded Linux	Embedded Linux
ONVIF	Version 1.02	Version 1.02
User Interface	Mouse and Keyboard	Mouse and Keyboard
DIMENSIONS		
Dimension (H x W x D)	2.13" x 18.19" x 16.93"	2.13" x 18.19" x 16.93"
Weight	15.4 lbs	15.4 lbs
Rack Size	1U	1U
ENVIRONMENT		
Temperature	Operating: 32° to 104°F	Operating: 32° to 104°F
Humidity	Up to 80% R.H.	Up to 80% R.H.
POWER		
Power Input	AC100 - 240 V - 50/60Hz	AC100 - 240 V - 50/60Hz
Power Consumption	200W	200W
WARRANTY		
Limited Warranty	2 years	2 years

^{*1} on supported cameras

