

# **E Series NVRs**

### 16CH E5016 & 8CH E1008

The AVer E series embedded Linux full HD NVRs lead the way for a new generation of high performance, cost-effective surveillance recorders, designed to achieve exceptional image quality and excellent reliability. The E series NVRs support up to 5 megapixels per channel and work seamlessly with thousands of camera models. They offer excellent preview performance and an impressive throughput rates, recording all channels using tri-codec compression.







#### **Seamless camera integration**

The E series NVRs are fully integrated with AVer IP cameras to fulfill its vital role in AVer's smart surveillance solution. With plug and play support, setup of AVer IP cameras is fast and hassle-free, and advanced camera features, like Smart Stream, Region of Interest, motion detection, can all be set directly via the NVR. With Intelligent Streaming, preview from AVer IP cameras is significantly boosted, allowing for real-time preview for all channels.



#### **Expandable storage**

The ultra-compact E1008, designed for smaller projects, can be outfitted with a built-in HDD, additional storage space can be achieved through the e-SATA port. The E5016, recommended for medium to large scale applications, comes equipped with 4 removable HDD trays and internal RAID support (level 0, 1, 5, 10) to enhance data storage efficiency and reliability.



#### **Standardized intuitive GUI**

The inventive, user-friendly design of the E series' graphical user interface (GUI) aims to make NVR setup as convenient as possible, with hierarchical, tree view camera listings, simplified click-and drag preview selection, as well as a set of built-in smart tools like resolution manager and HDD calculator. Moreover, the user interface is standardized for local sites (NVRs) and remote sites (CM5000), significantly reducing training time and related costs.



#### **Easy POS integration**

The E series NVRs support easy point of sale (POS) integration, allowing users to connect POS systems without any additional data processing devices. With POS integration, live transaction data is overlaid onto live camera images, facilitating quick review and analysis of items sold through keyword filtering.

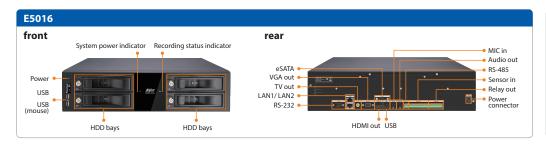


#### Remote management

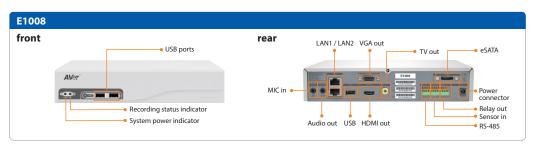
The E series NVRs come equipped with a bundle of remote access applications and management software. The CM5000, AVer's next generation of central management software (CMS), offers full remote control over NVRs and enhanced functionality. AVer's AndroidViewer and iViewer mobile access applications help managers and others to stay on top of events in today's dynamic business environment.

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System         embedde Linux           total channel number         16         8           max. Pc amera input         16         8           Per Formance           Tex Camera input         Tex Camera input         18         8         8           Tex Camera input         Te			E5016	E1008	
Total channel number	system				
Max.P Camera input         16         8           Performance           display         2M @ 120 fps         2M @ 80 fps           recording         resolution         up to 5 megapixels for one channel, and a total of 32 megapixels for one channel, and a total of 16 megapixels for and channels in H.264 / MPEG 4/MPEG 4/MPEG format         up to 5 megapixels for one channel, and a total of 16 megapixels for and channels in H.264 / MPEG 4/MPEG format           throughput         Total HDD capacity internal HDD support         4 SATA HDDs (4 removable HDD trays)         1 SATA HDD           A Figure 14 HDD capacity internal RAID support         4 SATA HDDs (4 removable HDD trays)         1 SATA HDD           Box (1902)         4 SATA HDD or RAID x 1         e-SATA HDD x 1           Box (1902)         4 SATA HDD x 1         e-SATA HDD x 1           HDM output         4 SATA HDD or RAID x 1         e-SATA HDD x 1         e-SATA HDD x 1           HDM output         1 (1920 x 1080)         HDM x 1080)         HDM x 1080         HDM x 1080 </td <td>operating system</td> <td></td> <td>embedd</td> <td>ed Linux</td>	operating system		embedd	ed Linux	
Performance	total channel number		16	8	
display         cording         resolution         2M ⊕ 1.20fps         2M ⊕ 1.20fps         2M ⊕ 1.20fps         2M ⊕ 1.5 megapixels from the median plant	max. IP camera input		16	8	
recording         resolution         up to 5 megapixels for one channel, and a total of 32 megapixels for all channels in H.264 / MPEG format         up to 5 megapixels for one channel, and a total of 16 megapixels for all channels in H.264 / MPEG format           throughput         1 120 Mbps         6 Mbps         6 Mbps           storage         internal HDD capacity         4 SATA HDDs (4 removable HDD trays)         1 SATA HDD           throughput         yes (level 0, 1, 5, 10)         -         -           extend HDD support extend HDD support extend HDD rAMID         -         -         -           backup         internal RAID support         e-SATA HDD or RAID x         -         -         -           backup         internal DVD-RW         - (supports extend DVD-RW)         -	performance				
recording         recolution         for all channels in H.264 / MPEG-4 / MJPEG format         for all channels in H.264 / MPEG-4 / MJPEG format           throughput         120 Mbps         60 Mbps           storage         internal HDD capacity         4 SATA HDD (4 removable HDD trays)         1 SATA HDD           backup         internal HDD support         yes (level 0, 1, 5, 10)         e-SATA HDD × M           backup         internal DV-RW         e-SATA HDD or RAID x 1         e-SATA HDD × RW           Monitor         VGA output         1 (1920 x 1080)           HDMI output         1 (1920 x 1080)           TV output         1 (supports multi-quad output)         Provious           MIC         input         1 (supports multi-quad output)         Provio	display		2M @ 120fps	2M @ 80fps	
Total Indiances in H.2.04 / MIPEG-4 / MIPEG-6 / MIPE	recording	resolution	up to 5 megapixels for one channel, and a total of 32 megapixels	up to 5 megapixels for one channel, and a total of 16 megapixels	
Internal HDD capacity			for all channels in H.264 / MPEG-4 / MJPEG format	for all channels in H.264 / MPEG-4 / MJPEG format	
storage         internal RAID support         yes (level 0, 1, 5, 10)         -           external HDD support         e-SATA HDD or RAID x 1         e-SATA HDD x 1           backup         internal DVD-RW         -(supports external DVD-RW)           therefore         WGA output         1 (1990 x 1080)           the MDM output         1 (supports multi-quad output)           spot output         1 (supports multi-quad output)           MIC         input         1 (supports multi-quad output)           Input         1 (NONC)         2 (NONC)           Input         1 (NONC)         2 (NONC)           Input         2 (NON	throughput		120 Mbps	60 Mbps	
backup   internal DVD-RW   c-SATA HDD or RAID x 1   c-SATA HDD x 1		internal HDD capacity	4 SATA HDDs (4 removable HDD trays)	1 SATA HDD	
backup         interface           VGA output         1 (1920 x 1080)           HDMI output         1 (1920 x 1080)           TO output         1 (supports multi-quad output)           groutput         1 (supports multi-quad output)           TO output         1 (supports multi-quad output)           MIC         Input         1 (supports multi-quad output)           MIC         1 (supports multi-quad output)         1 (supports multi-quad output)           MIC         MIC         4         (supports multi-quad output)         1 (supports multi-quad output)         1 (supports multi-quad output)         4         (supports multi-quad output)         4         (supports multi-quad output)         MIC <th c<="" td=""><td rowspan="2">storage</td><td>internal RAID support</td><td>yes (level 0, 1, 5, 10)</td><td>-</td></th>	<td rowspan="2">storage</td> <td>internal RAID support</td> <td>yes (level 0, 1, 5, 10)</td> <td>-</td>	storage	internal RAID support	yes (level 0, 1, 5, 10)	-
Interface           VGA output         1 (1920 x 1080)           HDMI output         1 (1920 x 1080)           TV output         1 (1920 x 1080)           TV output         1 (1920 x 1080)           TV output         1 (1920 x 1080)           TW output         1 (1920 x 1080)           Audio         1 (100 x 10)           MIX         A (NO/NC)         1 (100 x 10)         1 (100 x 10) <th< td=""><td>external HDD support</td><td>e-SATA HDD or RAID x 1</td><td>e-SATA HDD x 1</td></th<>	external HDD support		e-SATA HDD or RAID x 1	e-SATA HDD x 1	
Mean of the color of	backup	internal DVD-RW	- (supports external DVD-RW)		
MDMI output         1 (1990 × 1080)           TV output         1 (supports wult-quad output)           audio         1 (supports wult-quad output)           Bort output         1 (supports wult-quad output)           MIC         1 (sup output)         1 (sup output)           MIC         1 (sup output)         4 (sup output)	interface				
Monitor           TV output         1 (supports multi-quad output)           audio           input         via IP come           output         16         4           MIC         juput         16         4         4         Mol/NCI         2 (NO/NC)         2 (NO	monitor	VGA output	1 (1920 x 1080)		
TV output   1 (supports multi-quad output)		HDMI output	1 (1920 x 1080)		
audio         injut         via IP camera           MIC         input         1 line-out           MIC         input         1 line-in           alarm         sensor (alarm) input         16         4         (NO/NC)           alarm         4 (NO/NC)         2 (NO/NC)         2 (NO/NC)         1 (NO/NC)         2 (NO/NC)					











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