



5 in 1 (hd-cvi, hd-tvi, ahd, analog and ip) recorder of 8 channel and 1 mpx maximum resolution

## XVR4108HS-I

### RECORDING

|                                |                                                                                                                                 |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Maximum recording resolution   | 1 Mpx                                                                                                                           |
| Video compression              | H.265+ / H.265 / H.264+ / H.264                                                                                                 |
| Resolution HDCVI recording     | 1 Megapixel (720P)                                                                                                              |
| Resolution HDTVI recording     | 1 Megapixel (720p)                                                                                                              |
| Resolution recording AHD       | 1 Megapixel (720p)                                                                                                              |
| Images per second Main stream  | Canal 1: 1080N / 720P (1 ~ 25) / otros: 1080N / 720P (1 ~ 15fps) / 960H / D1 / CIF (1 ~ 25fps)                                  |
| Images per second Extra stream | CIF (1 ~ 7fps)                                                                                                                  |
| Video bit rate                 | 32Kbps ~ 6144Kbps per channel                                                                                                   |
| Recording mode                 | Manual / Programming (General / Continuous) / MD (Video detection: Motion detection / video loss / manipulation) / alarm / stop |
| Recording interval             | 1 ~ 60 min (default: 60 min) / Pre-record: 1 ~ 30 sec / Postrecord: 10 ~ 300 sec                                                |
| Audio compression              | G.711A / G.711U / PCM                                                                                                           |
| Frecuencia muestreo audio      | 8KHz, 16 bit per channel                                                                                                        |
| Speed audio bits               | 64Kbps per channel                                                                                                              |

### VIDEO

|                            |                                |
|----------------------------|--------------------------------|
| BNC channels               | 8                              |
| IP Channels                | 10, replacing the BNC channels |
| Accepted IP cameras        | 8 BNC cameras + 2 IP camera    |
| Video formats              | HDCVI / TVI / AHD / CVBS / IP  |
| Admitted resolutions HDCVI | 1080P / 720P                   |
| Admitted resolutions HDTVI | 1080P / 720P                   |
| Admitted resolutions AHD   | 1080P / 720P                   |

### NETWORK FEATURES

|                         |                                                             |
|-------------------------|-------------------------------------------------------------|
| Number of ports RJ45    | 1                                                           |
| Velocità RJ45           | 100 Mbps                                                    |
| Maximum number of users | 128                                                         |
| Mobile devices          | Android / IOS (Apple)                                       |
| ONVIF                   | Yes                                                         |
| Remote vision           | Web Browser (ActiveX) / Smartphone App / Smart PSS Software |
| Software                | SmartPSS                                                    |
| App                     | iDMSS / gDMSS                                               |

### REPRODUCTION AND COPY OF SECURITY

|                                       |                                                                                                                                                                                     |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Search mode                           | Date / Time / Alarm / motion detection / exact search                                                                                                                               |
| Playback functions                    | Play / Pause / Stop / Rewind / Fast play / Slow Play / Next File / Previous File / Next Camera / Previous Camera / Full Screen / Repeat / Shuffle / Backup Selection / Digital Zoom |
| Backup mode                           | USB / Network device                                                                                                                                                                |
| Nº canales simultáneos con cámaras IP | 1 / 4 / 8 / 9 / 16                                                                                                                                                                  |
| Nº canales simultáneos sin cámaras IP | 1 / 4 / 8 / 9                                                                                                                                                                       |
| Tipos de iconos de aviso              | Camera title / time / video loss / camera lock / motion detection / recording                                                                                                       |
| Synchronized playback                 | 1 / 4 / 9                                                                                                                                                                           |

### POWER CONSUMPTION

|                 |        |
|-----------------|--------|
| Power mode      | DC     |
| Voltage         | 12V    |
| Consumption (w) | 7W     |
| Amperage        | 1500mA |

### AMBIENT

# technical datasheet

|              |            |
|--------------|------------|
| Cameras CVBS | <b>Yes</b> |
|--------------|------------|

|                       |                      |
|-----------------------|----------------------|
| Resolution IP cameras | <b>6 Megapíxeles</b> |
|-----------------------|----------------------|

## MATERIAL AND DIMENSIONS

|              |                |
|--------------|----------------|
| Installation | <b>Desktop</b> |
|--------------|----------------|

|            |                          |
|------------|--------------------------|
| Dimensions | <b>260 x 238 x 48 mm</b> |
|------------|--------------------------|

|          |              |
|----------|--------------|
| Material | <b>Metal</b> |
|----------|--------------|

|            |              |
|------------|--------------|
| Net weight | <b>890 g</b> |
|------------|--------------|

|                       |               |
|-----------------------|---------------|
| Weight with packaging | <b>1400 g</b> |
|-----------------------|---------------|

|         |                   |
|---------|-------------------|
| Chassis | <b>Compact 1U</b> |
|---------|-------------------|

## VIDEO OUTPUT

|                    |          |
|--------------------|----------|
| HDMI Output Number | <b>1</b> |
|--------------------|----------|

|                       |          |
|-----------------------|----------|
| Number of VGA outputs | <b>1</b> |
|-----------------------|----------|

|                 |              |
|-----------------|--------------|
| Resolution HDMI | <b>1080P</b> |
|-----------------|--------------|

|                |              |
|----------------|--------------|
| Resolución VGA | <b>1080P</b> |
|----------------|--------------|

## AUDIO

|              |          |
|--------------|----------|
| Audio Inputs | <b>1</b> |
|--------------|----------|

|               |          |
|---------------|----------|
| Audio Outputs | <b>1</b> |
|---------------|----------|

|                                   |            |
|-----------------------------------|------------|
| Audio bidirectional (Full-duplex) | <b>Yes</b> |
|-----------------------------------|------------|

## INPUTS/OUTPUTS

|         |          |
|---------|----------|
| USB 2.0 | <b>2</b> |
|---------|----------|

|       |          |
|-------|----------|
| RS485 | <b>1</b> |
|-------|----------|

## SYSTEM (RECORDERS)

|           |                           |
|-----------|---------------------------|
| Processor | <b>Embedded Processor</b> |
|-----------|---------------------------|

|                  |                       |
|------------------|-----------------------|
| Operating system | <b>Embedded LINUX</b> |
|------------------|-----------------------|

|                       |                       |
|-----------------------|-----------------------|
| Operating temperature | <b>-10 °C ~ 45 °C</b> |
|-----------------------|-----------------------|

|     |               |
|-----|---------------|
| Use | <b>Indoor</b> |
|-----|---------------|

|                  |            |
|------------------|------------|
| Maximum humidity | <b>90%</b> |
|------------------|------------|

## STORAGE

|                                 |          |
|---------------------------------|----------|
| Number of supported hard drives | <b>1</b> |
|---------------------------------|----------|

|                               |             |
|-------------------------------|-------------|
| Maximum hard disk size (Unit) | <b>6 TB</b> |
|-------------------------------|-------------|

|          |                  |
|----------|------------------|
| Type HDD | <b>3,5 SATA"</b> |
|----------|------------------|

## GENERAL INFORMATION

|       |                |
|-------|----------------|
| Serie | <b>Serie 4</b> |
|-------|----------------|

|            |                                                    |
|------------|----------------------------------------------------|
| Technology | <b>5 IN 1 (HD-CVI, HD-TVI, AHD, analog and IP)</b> |
|------------|----------------------------------------------------|

## DETECTION OF VIDEO AND ALARM

|                     |                                                                                               |
|---------------------|-----------------------------------------------------------------------------------------------|
| Detection functions | <b>Recording / PTZ / Tour / Video Push / Email / FTP / Snapshot / Buzzer and screen tips.</b> |
|---------------------|-----------------------------------------------------------------------------------------------|

|                         |                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------|
| Type of video detection | <b>Motion Detection / MD Zones : 396 (22 × 18) / Video Loss, Tampering, Diagnosis</b> |
|-------------------------|---------------------------------------------------------------------------------------|

## INTELLIGENT VIDEO SYSTEM

|          |                                                                               |
|----------|-------------------------------------------------------------------------------|
| SMD PLUS | <b>Yes, 8 channels (human / vehicle classification) (analog cameras only)</b> |
|----------|-------------------------------------------------------------------------------|

