## technical datasheet





**GENERAL INFORMATION** 

### 5 in 1 (hd-cvi, hd-tvi, ahd, analog and ip) recorder of 4 channel and 1 mpx maximum resolution

HWD-5104MH-G4

Maximum resolution	RECORDING		NETWORK FEATU	RES
Resolution   Video   Video   Compression   Rideo   R			'	1
Video compression         H.265+ / H.265 / H.264+ / H.264         Maximum number of users         32           Resolution HDCVI recording PESOURITOR HDCVI recording Resolution PESOURITOR HDCVI recording Resolution Resolution PESOURITOR HDCVI recording AHD Images per second Main stream         1 Megapixel (720p)         Remote vision Web Browser / Smartphone App and Hik-Connect Software.           Remote vision Main stream         1080P Lite / 720P Lite / WD1 / 4CIF / VCA (1 - Isfps) / CIF (1 ~ 25fps)         Software         IVMS           App Hik-Connect Software.         4CIF (Isfps) / CIF / QVGA (25fps) stream         MATERIAL AND DIMENSIONS         Installation Desk / Rack Dimensions         260 x 222 x 45 mm           Audio compression Speed audio bits         64Kbps per channel         Material Material Material         Material         Material           Accepted IP cameras         4 BNC cameras + 1p (2000)         POWER CONSUMPTION         POWER CONSUMPTION           POWER CONSUMPTION         POWER CONSUMPTION         POWER CONSUMPTION           Admitted resolutions HDIDLY         1080P / 720P         Amperage         1500mA           Admitted resolutions HDIDLY         1080P / 720P         AMBIENT         Use         Indoor           Admitted resolutions PLDIVI         1080P / 720P         Amaterial Maximum Audio (2000)         Amaterial Material Material (2000)         Ambient (2000)         Ambient (2000)         Ambient (2000)         Amp		1 Mpx	·	
Number of users   Number of	Vidoo	205 / 11205 / 11207	-	10 / 100 Mbps
Nesolution   HDCV  recording   1 Megapixel (720P)   Mobile devices   Android / IOS (Apple)   Resolution   HDCV  recording AHD   1 Megapixel (720p)   Remote vision   Megapixel / Software   Software	compression	.265+ / H.265 / H.264+ / H.264		32
Resolution   HDTV    Remote vision   Remote		1 Megapixel (720P)		Android / IOS (Apple)
Resolution   1 Megapixel (720p)   Software   IVMS   App   Hik-Connect	Resolution HDTVI	1 Megapixel (720p)		Web Browser / Smartphone App
Images per second Main stream   1080P Lite / 720P Lite / WDI / 4CIF / Second Main stream   VGA (I ~15fps) / CIF (I ~ 25fps)   Images per second Extra stream   4CIF (I5fps) / CIF / QVGA (25fps)   Images per second Extra stream   Video bit rate   32 Kbps ~ 4 Mbps   Material   Metal   M			Software	
MATERIAL AND DIMENSIONS   Installation   Desk / Rack   Stream   Video bit rate   32 Kbps ~ 4 Mbps   Stream   Video bit rate   32 Kbps ~ 4 Mbps   Material   Metal		I Megapixel (720p)		
Installation   Desk / Rack   Second Extra   Dimensions   Dimensions   Desk / Rack   Desk / Rack	socond Main	cond Main eam VGA (1 ~15fps) / CIF (1 ~ 25fps)		
second Extra Stream         4CIF (ISfps) / CIF / QVGA (25fps) Stream         Dimensions         260 x 222 x 45 mm           Video bit rate         32 Kbps ~ 4 Mbps         Material         Metal           Audio Compression         G.711U         Net weight         800 g           Speed audio bits         64Kbps per channel         POWER CONSUMPTION           BNC channels         4         POWER CONSUMPTION           IP Channels         5, replacing the BNC channels         Consumption (w)         16W           Accepted IP cameras         4 BNC cameras + 1 IP cameras         Consumption (w)         16W           Admitted resolutions HDCVI         1080P / 720P         AMBIENT           Admitted resolutions Admitted resolutions AHD         1080P / 720P         Operating temperature         -10 °C ~ 55 °C           HDTVI         Use         Indoor           Admitted resolutions Properties         Audio Inputs         1           Admitted resolutions Admitted resolutions Alpha December         Audio Inputs         1           Resolution IP cameras         2 Megapixeles         AUDIO           VIDEO OUTPUT         Audio Inputs         1           HDMI Output Number         1           Number of VGA outputs         1           Number of VGA         1080P	stream			
Stream         Dimensions         260 x 222 x 45 mm           Video bit rate         32 Kbps ~ 4 Mbps         Material         Metal           Audio compression         G.71IU         Net weight         800 g           Speed audio bits         64Kbps per channel         Weight with packaging         1300 g           VIDEO         POWER CONSUMPTION           BNC channels         4         Power mode         DC           IP Channels         4 BNC cameras + 11P Channels         Consumption (w)         16W           Accepted IP cameras         4 BNC cameras + 11P Channels         Amperage         1500mA           Admitted resolutions HDCVI         1080P / 720P HDTVI         AMBIENT           Admitted resolutions Admitted resolutions Altitude resolutions Alt		CIF (15fps) / CIF / QVGA (25fps)	Installation	Desk / Rack
Audio compression         G.711U compression         Met weight with packaging         800 g weight with packaging           VIDEO         POWER CONSUMPTION         Power mode         DC           BNC channels         4         Power mode         DC           IP Channels         5, replacing the BNC channels         Voltage         12V           Accepted IP cameras         4 BNC cameras + 1 IP cameras         Camera         Amperage         1500mA           Admitted resolutions HDCVI         1080P / 720P         AMBIENT         Operating temperature         -10 °C ~ 55 °C           HDTVI         Use         Indoor           Admitted resolutions AHD         Yes         Audio Inputs         4UIDIO           Cameras CVBS         Yes         Audio Inputs         1           Resolution IP cameras         2 Megapíxeles         Audio Outputs         1           VIDEO OUTPUT         Audio Outputs         1           HDMI Output Number         1         Number of VGA outputs         1           Resolution HDMI         1080P         USB 2.0         2           REPRODUCTION AND COPY OF SECURITY			Dimensions	260 x 222 x 45 mm
compression         C.7110         Net weight         800 g           Speed audio bits         64Kbps per channel         Weight with packaging         1300 g           VIDEO         POWER CONSUMPTION         Power mode         DC           IP Channels         5, replacing the BNC channels channels         Consumption (w)         16W           Accepted IP cameras         4 BNC cameras + 11P channels         Consumption (w)         16W           Accepted IP cameras         1080P / 720P         AMBIENT         AMBIENT           Admitted resolutions         1080P / 720P         Maximum humidity         90%           AHD         Use         Indoor           Cameras CVBS         Yes         AUDIO           Resolution IP cameras         2 Megapíxeles         AUDIO           VIDEO OUTPUT         Audio Inputs         1           HDMI Output Number         1         Audio Outputs         1           Number of VGA outputs         1         INPUTS/OUTPUTS           Resolution HDMI         1080P         REPRODUCTION AND COPY OF SECURITY	Video bit rate	32 Kbps ~ 4 Mbps	Material	Metal
Speed audio bits         64Kbps per channel         Weight with packaging         1300 g           VIDEO         POWER CONSUMPTION           BNC channels         4         Power mode         DC           IP Channels         5, replacing the BNC channels         Voltage         12V           Accepted IP cameras         4 BNC cameras + 1 IP         Amount of the properties of the properti		G.711U	Net weight 80	
BNC channels   4		64Kbps per channel	Weight with packaging 1300 g	
BNC channels         4         Power mode         DC           IP Channels         5, replacing the BNC channels channels         Consumption (w)         12V           Accepted IP cameras         4 BNC cameras + 1 IP channels         Consumption (w)         16W           Admitted resolutions HDCVI         1080P / 720P         AMBIENT           Admitted resolutions ADD IV IV         1080P / 720P         Operating temperature         -10 °C ~ 55 °C           Use         Indoor           Maximum humidity         90%           AUDIO         Audio Inputs         1           VIDEO OUTPUT         Audio Outputs         1           HDMI Output Number         1         Audio Outputs         1           Number of VGA outputs         1         INPUTS/OUTPUTS           Resolution HDMI         1080P         REPRODUCTION AND COPY OF SECURITY	VIDEO		POWER CONSUM	PTION
Channels         Channels         Consumption (w)         16W           Accepted IP cameras         4 BNC cameras + 1 IP cameras         Consumption (w)         16W           Admitted resolutions HDCVI         1080P / 720P         AMBIENT           Admitted resolutions HDTVI         1080P / 720P         Use         Indoor           Admitted resolutions AHD         1080P / 720P         Maximum humidity         90%           Resolution IP cameras         2 Megapíxeles         AUDIO           VIDEO OUTPUT         Audio Inputs         1           HDMI Output Number         1         INPUTS/OUTPUTS           Number of VGA outputs         1           Resolution HDMI         1080P         REPRODUCTION AND COPY OF SECURITY		4	Power mode	DC
Accepted IP cameras         4 BNC cameras + 1 IP cameras         Consumption (w)         16W           Admitted resolutions HDCVI         1080P / 720P         AMBIENT           Admitted resolutions HDTVI         1080P / 720P         Operating temperature         -10 °C ~ 55 °C           HDTVI Admitted resolutions AHD         1080P / 720P         Use         Indoor           AHD         Maximum humidity         90%           Cameras CVBS         Yes         AUDIO           Resolution IP cameras         2 Megapíxeles         Audio Inputs         1           VIDEO OUTPUT         Audio Outputs         1           HDMI Output Number         1         INPUTS/OUTPUTS           Resolution HDMI         1080P         USB 2.0         2           Resolución VGA         1080P         REPRODUCTION AND COPY OF SECURITY	IP Channels		Voltage 12V	
Admitted resolutions HDCVI Admitted resolutions HDTVI Admitted resolutions HDTVI Admitted resolutions HDTVI Admitted resolutions AHD Cameras CVBS Resolution IP cameras  2 Megapíxeles Resolution IP cameras  1 Mumber of VGA outputs Resolución VGA  Resolución VGA  Admitted resolutions 1080P / 720P AMBIENT  Operating temperature  Use Use  Maximum humidity 90%  AUDIO Audio Inputs 1 Audio Inputs 1 INPUTS/OUTPUTS  USB 2.0  REPRODUCTION AND COPY OF SECURITY			Consumption (w)	16W
Admitted resolutions HDTVI Admitted resolutions HDTVI Admitted resolutions AHD Cameras CVBS Resolution IP cameras  VIDEO OUTPUT HDMI Output Number Number of VGA outputs Resolution HDMI Resolución VGA  Admitted resolutions 1080P / 720P Maximum humidity  Use Use Indoor Maximum humidity 90% Audio Inputs Audio Inputs 1 INPUTS/OUTPUTS USB 2.0  REPRODUCTION AND COPY OF SECURITY	Accepted IP cameras		Amperage 1500mA	
HDTVI		1080P / 720P	AMBIENT	
Admitted resolutions AHD         1080P / 720P         Use         Indoor           Cameras CVBS         Yes         Maximum humidity         90%           Resolution IP cameras         2 Megapíxeles         AUDIO           VIDEO OUTPUT         Audio Inputs         1           HDMI Output Number         1         INPUTS/OUTPUTS           Number of VGA outputs         1         INPUTS/OUTPUTS           Resolution HDMI         1080P         VISB 2.0         2           Resolución VGA         1080P         REPRODUCTION AND COPY OF SECURITY		1080P / 720P	Operating temperature -10 °C ~ 55	
AHD Cameras CVBS Resolution IP cameras  VIDEO OUTPUT HDMI Output Number Number of VGA outputs Resolution HDMI Resolución VGA  Resolución VGA  Maximum humidity  AUDIO Audio Inputs Audio Outputs  INPUTS/OUTPUTS USB 2.0  REPRODUCTION AND COPY OF SECURITY		1080D / 720D	Use	Indoor
Resolution IP cameras         2 Megapíxeles         AUDIO           VIDEO OUTPUT         Audio Inputs         1           HDMI Output Number         1         INPUTS/OUTPUTS           Number of VGA outputs         1         USB 2.0         2           Resolution HDMI         1080P         REPRODUCTION AND COPY OF SECURITY	AHD		Maximum humidit	<b>90</b> %
VIDEO OUTPUT         Audio Inputs         1           HDMI Output Number         1           Number of VGA outputs         1           Resolution HDMI         1080P           Resolución VGA         1080P           REPRODUCTION AND COPY OF SECURITY	Cameras CVBS	Yes	ALIDIO	
VIDEO OUTPUTAudio Outputs1HDMI Output Number1INPUTS/OUTPUTSNumber of VGA outputs1USB 2.0Resolution HDMI1080PREPRODUCTION AND COPY OF SECURITY	Resolution IP cameras	2 Megapíxeles		_
Audio Outputs    HDMI Output Number   1	VIDEO OUTPUT		-	
Number of VGA outputs1INPUTS/OUTPUTSResolution HDMI1080PUSB 2.0Resolución VGA1080PREPRODUCTION AND COPY OF SECURITY		1	Audio Outputs	1
Resolution HDMI1080PUSB 2.02Resolución VGA1080PREPRODUCTION AND COPY OF SECURITY	Number of VGA outputs 1		INPUTS/OUTPUTS	
		1080P	USB 2.0 <b>2</b>	
Similar video signals <b>HDMI and VGA</b> Synchronized playback <b>4</b>	Resolución VGA	1080P	REPRODUCTION AND COPY OF SECURITY	
	Similar video signals	HDMI and VGA	Synchronized play	back 4

# technical datasheet

Serie HiWatch
Technology 5 IN 1 (HD-CVI, HD-TVI, AHD, analog and IP)
Compatibility Hikvision HA series cameras

#### **STORAGE**

Number of supported hard drives 1

Maximum hard disk size (Unit) 4 TB

Type HDD 3,5 SATA"



### INTELLIGENT VIDEO SYSTEM

Classification Human / vehicle

Motion detection

Yes, 2.0 on all analogue channels