

**VZOR**

# 4 ch. Penta-brid Network Video Recorder

**ONVIF****Wifi Capable****Support up to 5 MegaPixel Cameras****H.265 Compression****Face Detect**

(Rear view)

<b>Model</b>	<b>VADR - 451</b>
<b>Operation type</b>	Live & Remote – ( Monitoring/Setting/Playback/Record )
<b>Video Input / Output</b>	<b>In:</b> 4xBNC, <b>Out:</b> 1xVGA, 1xHDMI
<b>Display Mode</b>	(DVR) 1/ 4/ 6 ch. ; (Network) 1/ 4/ 6 ch.
<b>Resolution</b>	<b>Display:</b> (HDMI/ VGA) (2M)1920x1080 / 1280x1024/ 1280x720 ; <b>Record:</b> {Main Stream} [AHD/Analog(CVBS)/CVI/TVI] : 5M-N/4M-N/1080P/1080N/720p/960H/D1/CIF [Digital/ IP] : ~ Dependson IPcam setting ~) {Sub/Extra Stream} D1/CIF
<b>Speed (max.)</b>	<b>Record:</b> [Main] i ) <b>5M-N(1296*1944)</b> : Ch1 (1~20fps), Other Ch. (1~10fps); ii ) <b>4M-N(1280*1440)</b> : Ch1 (1~20fps), Other Ch. (1~15fps); iii ) <b>1080P(1920*1080)</b> : Ch1 (1~20fps), Other Ch. (1~15fps); iv ) <b>1080N</b> : Ch1 ~ Ch16 (1~25fps); v ) <b>960H</b> : Ch1 ~ Ch16 (1~25fps); vi ) <b>720P</b> : Ch1 ~ Ch16 (1~25fps); vii ) <b>D1</b> : Ch1 ~ Ch16 (1~25fps); viii ) <b>CIF</b> : Ch1 ~ Ch16 (1~25fps); [Sub] <b>D1 / CIF</b> : Ch1,2,3,4 (1~15fps)
<b>Playback channel</b>	1/ 4 ch.
<b>Record Mode</b>	General (Continuous) / Alarm / Manual / MD (Motion) / Face / IVS / Post
<b>Pre / Post Record Duration</b>	Pre: 0 ~ 30 sec., Post : 1 ~120 minutes
<b>Search Mode</b>	Time / Date / Motion/ Regular/ Smart Search / Face
<b>Video Compression Format</b>	H.265, H.264H, H.264, H.264B
<b>Image Quality</b>	(VBR/CBR):Main :40~8192Kbs, Extra: 48~256Kbs
<b>Audio Input &amp; Output</b>	In: 1xRCA, Out:1xRCA
<b>Alarm Input &amp; Output</b>	-
<b>Motion Detection Area &amp; Sensitivity</b>	4 x Area: 22(H) x 18(V), -
<b>Privacy Masking</b>	(Overlay) Each ch. x4 areas (adjustable)
<b>Console Function</b>	Spot Output (VGA/HDMI), Display/Channel/Camera/Hardisc, Auto Recover after power resume, Each channel Audio & Video individual setting, Extra Stream for remote viewing, Face Detection, Can modify the resolution for IP cam (username & Password, IP) VZOR brand IPcam
<b>Hardisc Bay</b>	1 x (SATA)
<b>USB Interface</b>	Pendrive, Hardisc Backup, PC Mouse (for control/setting)
<b>CDRW / DVD RW</b>	-
<b>PTZ Protocol</b>	<b>PTZ Mode :</b> HDCVI
<b>Network &amp; Control Interface</b>	<b>Protocol :</b> 2 types (HDCVI3.0, HDCCTV2.0)
<b>Network Function</b>	RJ-45, TCPIP, DHCP,Https,RTSP,TCP,UDP,Wifi,PPPoE,DDNS,UPnP,P2P < Similar to DVR/NVR live OSD setting, except for online can set “watermark” > Net/Online screen display: 1/4/6/8/9/13/16/20/25
<b>Remote Software</b>	IE., CMS, P2P
<b>Power Supply &amp; Consumption</b>	DC12V 1.5A

**Operation Temperature & Humidity**

10°C ~ 45°C (10%~90%)

**Dimension (approximate)**

200 (w) x 43 (h) x 205 (d) mm

**Weight (w/o Hardisc) (approximate)**

0.6 kg

\*\* Design & specification are subject to change without prior notice \*\*

## Max. Recording Resolution Selection Chart

Channel	Auto [ ]	CVI [ ]	AHD [ ]	CVBS [ ]	Other [ ]	IP [ ]
1	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
2	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
3	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
4	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
5 ~ 6						[ ]

\* Customers can choose cameras types to put in each channel

\*\* For IPCam channel must start from bottom upwards.

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