



**Product Data Sheet**  
**Model : OPT-081ST-1HD-4K30F-PVR**  
**8 CHANNEL 1 SATA 4K 30 FRAMERATE NVR**

**Video**

Recording Bandwidth	Resolution	8MP,5MP, 3MP ,2MP(1080P),1.3MP(960P),1.0MP(720P)
	Inputs	76Mbps
	Out	32Mbps

**Performance**

Live/Playback	Compression	"Audio: G.711A,G/711U Video : H.264/H.264+/H.265/H.265+"
	Frame rate	"4K:30fps - 4MP:60fps - 2MP:120fps"
	AI	yes
	Event	MD(Sensitivity Level 1~8)  Videlo loss  "Beep, Email, Push notification to Mobile APP"

Live/Playback	Playback function	Fast forward / backward (2x, 4x, 8x,16x) Slow forward (1/2x, 1/4x, 1/8x,1/16x)
	Playback	Max 4CH playback
	Fisheye	Use WEB CMS,device does not support
UI/Monitoring	Local	UI5.0
	WEB	"IE10/11, Safari V12.1 above, Firefox V.52 above Google chrome V.57 above ,Edge V.79 above"
	Mobile viewer	Optier pro
	Push Notification	yes

## Interface

P/W Reset		Factory Reset : Press 10 seconds
Monitors	VGA	1 (1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080 )
	HDMI	1 (1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080 , 2560*1440, 3840*2160/EDID)
Connections	POE	8*RJ45、 802.3at/af
	Ethernet	1 RJ45 10/100 Base-T
	USB	"USB2.0*1(front) , USB2.0*1+(rear)"
	Audio out	1
	HDD	1 SATA HDD, up to 10TB

## General

OSD Language		English/French/Spanish/Portuguese/German/Italian/Greek/ Danish/Finnish/Russia/Hebrew/Turkish/Bulgarian/Arabic/ Korean/Japanese/Thai/Hindi/Romanian/Dutch/Polish
Mechanical design	Dimension (WxDxH)	300X227X53mm
Electrical	Input Voltage/ Current	DC12V/1.5A
	Power consumption (excluding hard disk)	6W
Environmental	Operating Temperature/ Humidity	"Temperature : -10°C~+50°C (14°F ~ 122°F) Humidity : Less than 90%RH"