



Product Data Sheet

Model : OPT-081ST-1HD-4K45F-PVR
 8 CHANNEL 1 SATA 4K 45 FRAMERATE NVR

Video

Recording Bandwidth	Resolution	8MP,5MP, 3MP ,2MP(1080P),1.3MP(960P),1.0MP(720P)
	Inputs	128m
	Out	128m

Performance

Live/Playback	Compression	"Audio: G.711A;G.711U Video : H.264/H.264+/H.265/H.265+"
	Frame rate	"4K:45fps - 4MP:90fps - 2MP:180fps"
	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 8CH playback
	Fisheye	Use WEB CMS,device does not support
	Local	Local
UI/Monitoring	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		"Audio: G.711A;G.711U Video : H.264/H.264+/H.265/H.265+"
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	N/A
	Ethernet	1 RJ45 100/1000 Base-T
	USB	"USB2.0*1(front) , USB2.0*1+(rear)"
	Audio out	1
	E-sata	1 optional, not supported by default
	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/2A
	Power consumption (excluding hard disk)	4W
Environmental	Operating Temperature/ Humidity	"Temperature : -10°C~+50°C (14°F ~ 122°F) Humidity : Less than 90%RH"