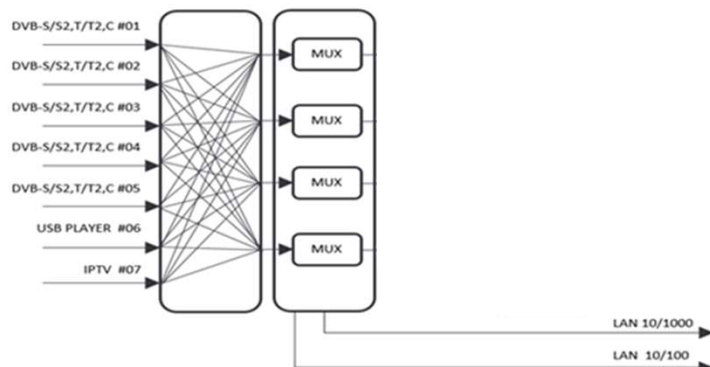


PEA DIGITAL HYBRID 4.0

5 DVB-T / IPTV
1 LAN 100 M / 1 LAN 1000 M


MODEL			PEA5S1M,PEA5S2M,PEA5S3M,PEA5S4M	PEA5S-IP
SPECIFICATION				
Input	Only One	DVB-S/S2	Frequency Range 950 - 2150 MHz Symbol 2-45 Mbauds , QPSK, 8PSK	Frequency Range 950 - 2150 MHz Symbol 2-45 Mbauds , QPSK, 8PSK
		DVB-T/T2	Frequency Range 174-232 MHz ,474 - 860 MHz Bandwidth 6 /7 /8 M	Frequency Range 174-232 MHz ,474 - 860 MHz Bandwidth 6 /7 /8 M
		DVB-C/C2	Frequency Range 57 - 867 MHz Standard J.83A (DVB-C), J83B, J83C	Frequency Range 57 - 867 MHz Standard J.83A (DVB-C), J83B, J83C
	IP		100 Mbps Support HTTP, HLS, M3U8, TS, UDP 1,000 Mbps Support HTTP, HLS, M3U8, TS, UDP	100 Mbps Support HTTP, HLS, M3U8, TS, UDP 1,000 Mbps Support HTTP, HLS, M3U8, TS, UDP
USB Player		Thumb Drive , Hard Disk Support MKV , MP4,		Thumb Drive , Hard Disk Support MKV , MP4,
Output	DVB-T	Standard	EN300 744	N/A
		FFT	2K, 8K	N/A
		Bandwidth	6M, 7M, 8M	N/A
		Constellation	QPSK, 16QAM, 64QAM	N/A
		Guard interval	1/4, 1/8, 1/16, 1/32	N/A
		FEC	1/2, 2/3, 3/4, 5/6, 7/8	N/A
		interface	F type, 75 impedance	N/A
		RF range	30~1000MHz 1 Channel for 1 Step	N/A
		ATT	20dbm~-10dbm, 2db step	N/A
		MER	34 db	N/A
	RF frequency	50~960MHz, 1KHz step	N/A	
	RF out	1-4 RF COFDM DVB-T (According to the device model)	N/A	
	RF output level	85~104 dbuV	N/A	
	IP	Port 100	32 IP Multicast, Unicast over UDP Protocol 32 IP HLS , Mpeg TS, Over HTTPProtocol	32 IP Multicast, Unicast over UDP Protocol 32 IP HLS , Mpeg TS, Over HTTPProtocol
64 IP Multicast, Unicast over UDP Protocol 64 IP HLS , Mpeg TS, Over HTTPProtocol			64 IP Multicast, Unicast over UDP Protocol 64 IP HLS , Mpeg TS, Over HTTPProtocol	
Port GE		64 IP Multicast, Unicast over UDP Protocol 64 IP HLS , Mpeg TS, Over HTTPProtocol	64 IP Multicast, Unicast over UDP Protocol 64 IP HLS , Mpeg TS, Over HTTPProtocol	
System	Remote management	NMS ControlPanel		NMS ControlPanel
	Language	English		English
	Software Upgrading	Web and USB		Web and USB
General	Dimension (W*D*H)	482mm×300mm×44.5mm		482mm×300mm×44.5mm
	Weight	2.5 kg		2.5 kg
	Temperature	0~45°C (Operation) ; -20~8°C (Storage)		0~45°C (Operation) ; -20~8°C (Storage)
	Power	DC 12 V 5 A		DC 12 V 5 A

Hardware	
Input	RF X5 (5 Turner IN)
Output	-
Enthernet	RJ45 X2
Power	AC100~220
USB	USB 2.0 X1 USB 3.0 X1
CA	CA X1
RF INPUT	
Standar	
DVB-S	ETSI EN 300-421 V1.1.2
DVB-S2	ETSI EN 302-307 V1.2.1
DVB-T2/T2-Lite	ETSI EN 302-755 V1.3.1
DVB-T	ETSI EN 300-744 V1.6.1
DVB-C	ETSI EN 300-429 V1.2.1
PART1: DVB-S/S2	
Symbol rate	1M ~45M Ksym/s
RollOff	0.35/0.25/0.2
Constellation	DVB-S2 :8PSK/QPSK DVB-S: QPSK
Coderate	(DVB-S2:8PSK) 3/5, 2/3, 3/4, 5/6, 8/9, 9/10 (DVB-S2:QPSK) 1/4, 1/3, 2/5, 1/2, 3/5, 2/3, 4/5, 5/6, 8/9, 9/10 (DVB-S: QPSK) 1/2, 2/3, 3/4, 5/6, 7/8
PART2: DVB-T2	
BandWidth	5MHz, 6MHz, 7MHz, 8MHz
FFT Size	1K, 2K, 8K, 4K, 16K, 32K
Constellation	16QAM, 32QAM, 64QAM, 128QAM, 256QAM
Coderate	1/2, 3/5, 2/3, 3/4, 4/5, 5/6
PLPs	Single and mutiple-PLPs
PART3: DVB-T	
BandWidth	6MHz, 7MHz, 8MHz
FFT Size	2K, 8K
Constellation	QPSK, 16QAM, 64QAM
Coderate	1/2, 2/3, 3/4, 5/6, 7/8
PART4: DVB-C	
Symbol rate	1.7 ~ 7.2Msym/s
RollOff	0.15
Constellation	16, 32, 64, 128 and 256QAM

Satellite Signal	
Connector	F-Type
Input Frequency	950~2150
Input Level	-80~-10dBm
LNB Power supply	14V / 18V / OFF, I _{max} 350mA
Port Switch	DisEqc 1.0, DisEqc 1.1,
Terrestrial/Cable Signal	
Connector	F-Type
Input Frequency	50M~900MHz
Input Level	-79~-10dBm(T), 0~ -67dBm(C)
Upgrade/Editor	
Connector	RJ45
Function	IP (MPTS) output over UDP and RTP HTTP HLS TS RTSP protocol
Power	
Adapter	12V/8.5A
Power consumption	Max 100W
Operating temperature	10-50 °C
Physical Characteristics	
Size(W*D*H)	240*200*50