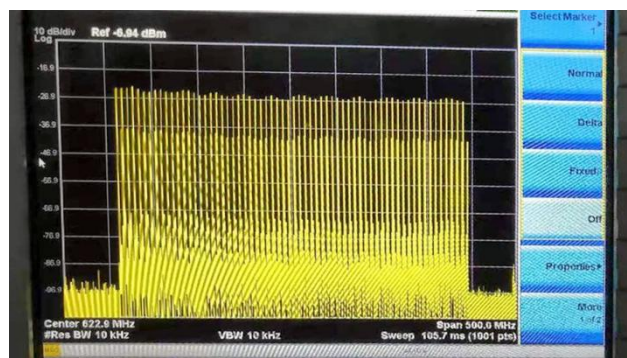
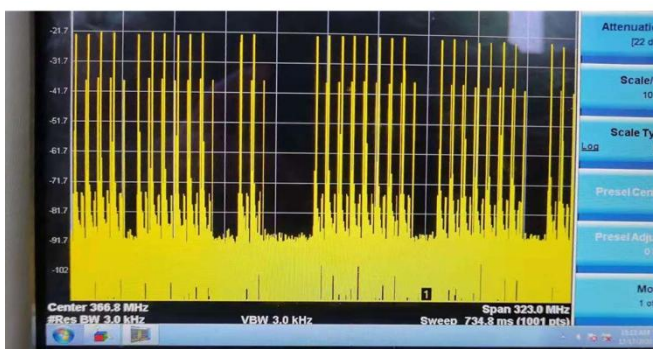


# SOFTTEL



## OSD (Logo/Caption) Insertion



## Super Specifications for RF out

## Key Features

- 2U chassis, high density to save shipping cost
- Support OSD (Logo and Caption) insertion for each channel, easy operation
- Support CC/Subtitle/Teletext
- Support BISS De-scrambling (Under developing)
- Support program info modify, multiple audio select
- 4 GE ports (max 64 IP input over MPTS/SPTS), Max 840Mbps for each GE input
- Support HEVC/H.265, H.264/AVC, MPEG-2 TS Decoding
- Processing of up to 64 IP multicast groups of a Gigabit Ethernet MPEG TS into up to 64 standard PAL or NTSC or SECAM TV programs
- 64 non-adjacent or adjacent carriers output, each 32 carriers within 400MHz
- Support Web-based Network management

## Specifications

<b>Input</b>	Interface/rate	4 GE ports (max 64 IP input) Max 840Mbps for each GE input
	Stream	UDP, UDP / RTP, 1-7 packets (SPTS/MPTS)
	Transport Protocol	UDP/RTP, unicast and multicast, IGMP V2/V3
	Packet Length	188 / 204 Bytes
<b>Decoding Parameters</b>	Video	HEVC/H.265, H.264/AVC, MPEG-2
	Audio	MPEG-1/2 Layer 1/2, (HE-)AAC, AC3
	Data	CC, Teletext, Subtitles, DVB Subtitling
	Resolutions	<b>HEVC/H.265:</b> 1080@60P, 1080@60I, 1080@50P, 1080@50I, 720@60P, 720@50P  <b>H.264/AVC:</b> 1080@60I, 1080@50P, 1080@50I, 1080@30P, 1080@25P, 720@60P, 720@50P, 576@50I, 480@60I  <b>MPEG2:</b> 1080@60I, 1080@50I, 720@60P, 720@50P,

		576@50I, 480@60I
	Aspect Ratio	4:3
<b>Modulation Parameters</b>	Number of channels	Up to 64 non-adjacent or adjacent carriers output
	Connectors	75 Ω , F-jack
	Frequency range	43.25 – 951.252MHz
	Output Bandwidth	400MHz (each 32 carriers)
	Output level	-5 ~ 2dBm (102 ~ 112dB μ V)
	Return loss	≥ 14dB
	Spurious frequency dist.	≥ 60dB
	Residual carrier accuracy	1%
	TV standard	PAL B/G/D/K/M/N/I, NTSC M, SECAM
	Video-signal to noise ratio	≥ 60dB
	Carrier to noise ratio	≥ 60dB (when single carrier on) ≥ 55.5dB (when all 64 carriers on)
	<b>Network Interface</b>	Management
Data		4 x 1000 Base-T Ethernet (RJ 45)
<b>Others</b>	Image resolution output	480i/576i
	OSD	Logo : JPG, BMP, PNG
		Caption : support multiple languages, scrolling direction and speed customized
Output volume adjustment	0 - 100 %	
<b>General</b>	Demission	483mm×330mm×88mm (W×L×H)
	Temperature	0~45℃(operation), -20~80℃(storage)
	Power Supply	AC100V±10%, 50/60Hz or AC 220V±10%,50/60Hz

## Order Guide

Options	Configuration
Option 1	32 IP input, 32 analog channel outputs
Option 2	4 HDMI+28 IP input, 32 analog channel outputs
Option 3	8 HDMI+24 IP input, 32 analog channel outputs
Option 4	64IP input, 64 analog channel outputs