

4K UHD Pattern Generator HVP 6000 series



Overview

HVP 6000 series is the low cost and high performance for 4K UHD Pattern Generator.

The 4K Pattern Generator is designed to Generate the 4K Test Patterns for the UHD TV. This system can play 4K UHD Movie Stream through various HDMI 1.4 output.

On the maximum level of **500Mbps** without reducing the resolution (**4Kx2K**)

It has friendly interface for software and Network remote control. It can add new 4K UHD Pattern by USB can provider Video & Audio signal for UHD TV receiver Design , UHD Broadcasting system , LCD TV /LED TV / PDP /DTV Module Manufacturing and QC Verification .

Features

- Low cost and high performance
- Support HDMI 1.4 of video & audio signals Output
- Easy Maintenance and Management
- Support EDID / HDCP Function
- Touch screen control
- Has friendly software GUI & OSD
- Play with 4K UHD Movie stream files through various outputs on the maximum level of 500Mbps without reducing the resolution
- Support maximum 4096/3840 x 2160 (4Kx2K) resolution
- Built in SSD 128G & 4K UHD Test Pattern (Color Bar /1K Tone, Ramp, Burst.....)



1080P HD
Bit rate 100M

x 4 =




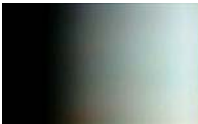

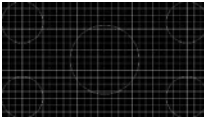
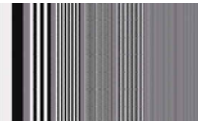
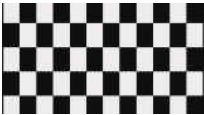






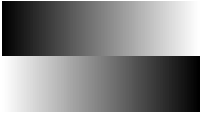

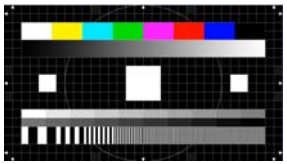
4K UHD
Bit rate 400Mbps

Specification:

Digital A/V Output	HDMI 1.4 Main Port 1 CH
	DVI Dual Link / Display Port 1.2 (Option)
Test File	Built in 4K Test Pattern / Audio Test Function
	4K UHD Movie Stream (Support Max 500Mbps)
File Update	USB
Control	Mouse / Touch screen
HD / 4K Resolution	720P50,720P60 1080P24,1080P25 1080P30,1080P50,1080P60 4KP24,4KP25,4KP30
File Storage Space	SSD 128 GB
LAN	10/100Mbps RJ-45 Connector
Power	100~240VAC 50/60Hz
HDMI Insert and Draw Frequency	>3000

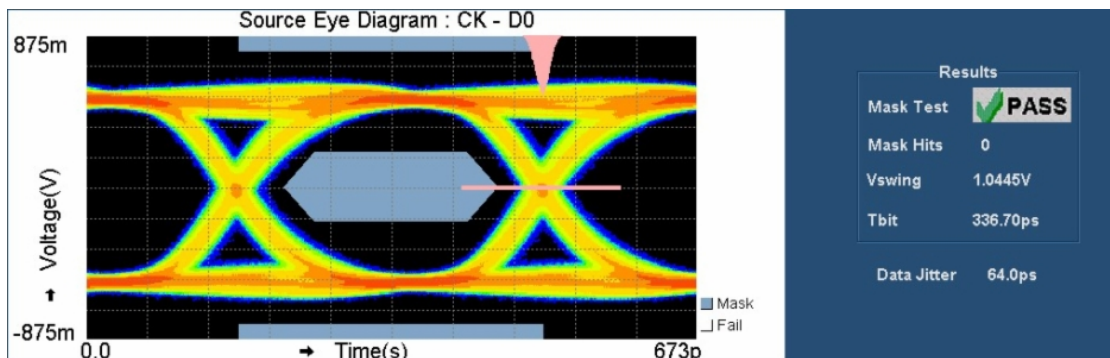
4K UHD Test Pattern Sample :

Item.	Photo	Description
Color Bar		100% Color Bars
SMPTE Color Bar		SMPTE Color Bars
Ire Bar		Ire Bar
256 Gray Scale		256 Gray Scale
Black Level		Black Level
Crosshatch		White cross hatch on a black background
Multi Burst		Multi Burst
Black&White		Black&White
100% Blue		100% Blue
100% Red		100% Red
100% Green		100% Green

RGB_64 Step		RGB_64 Step
Up /Down Gray 64 Step		Up /Down Gray 64 Step
TV Test Pattern		Color Bar / Multi Birst / Gray Scale
TV Test Pattern		Color Bar / Multi Birst / Grid and circle /Gray Scale

Audio Test Pattern Function L/R : 400Hz / 1K Tone / 3K Tone / Audio Sweep...

HDMI 1.4 Output Eye Diagram (Result PASS):



User Interface Pattern Setting Preview :

