# U1

**HD LED Video Processor**



★**HD multi-format signal input**

★**Fade in/out switch between arbitrary signals**

★**1920*1200 HD output**

★**2pcs LED sending cards built-in ability**

★**Support PC software control**

★**Offline scheduled task**

## Exquisite design

**Humanized panel design**

With color panel and two-way regulation knob, U1 brings great convenience to users by its friendly user interface.

**Multiple HD/SD signal inputs**

U1 supports 5-channel HD/SD signal, includingDVI*1，VGA*1，HDMI*1，CVBS*2. What's more，U1 has 2pcs sending card built-in ability. The drawer type design is convenient for users to install cards.

## Free zoom in/out display

**Image zooms in/out freely**

Image can be zoomed in/out freely to complete the full screen display of the signal

source by U1.

What's more, U1 enables LED display to play part picture and make swift switch

between full and part.



PC desktop resolution 1024*768    LED display resolution 768*448

Free switch

Part display

Full display

Free switch

## Fade in/out switch effects

Support fade in/out effects, eliminate black burst, blue screen etc., which covering

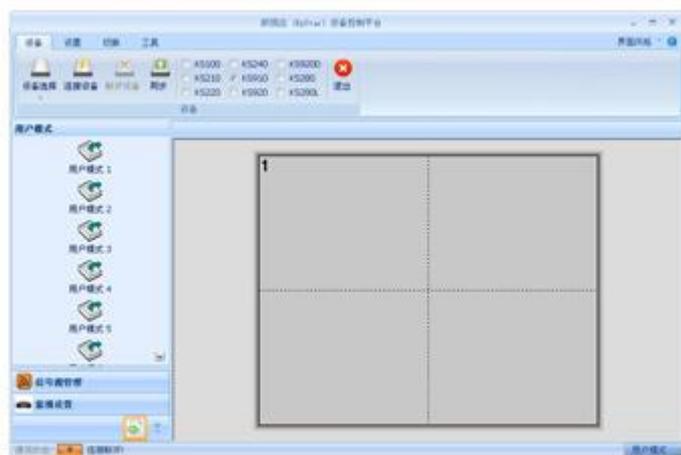all the signal switches between external signal and internal decoding signal.

# Swift operation

**Wizard setting**

U1 provides wizard setting. Users make choice accordingly to complete machine

setup by following the hint in the color LCD panel.

**Software and offline scheduled task**

U1 is perfect compatible with KYSTAR control software by connecting RS232 serial

port to PC.

Device can be preseted by users to complete signal switch, brightness variations

etc.at the appointed time by the software.

# Specifications

| Video Input | | |
|---|---|---|
| **Type** | **No.** | **Description** |
| DVI-D（24+1） | 1 | · Max resolution supported is 1920*1200@60Hz ， downward compatibility.<br>·Compatible with HDMI1.3 and lower version, EDID version 1.3 |
| HDMI(TYPE A) | 1 | ·Max resolution supported is 1920*1200@60Hz， downward compatibility<br>·Compatible with HDMI1.3 and lower version, EDID version 1.3 |
| VGA (HD-15) | 1 | ·Max resolution supported is 1920*1200@60Hz ， downward compatibility.<br>·EDID version 1.3<br>.Signal level：R、G、B、Hsync、Vsync:0 to1Vpp±3dB （0.7V Video+0.3v Sync）75Ω；<br>black level：300mV Sync-tip：0V |
| CVBS（BNC） | 2 | ·NTSC/PAL adaptive<br>Signal level ：1Vpp±3db （0.7V Video+0.3v Sync）75Ω |
| **Video output** | | |
| **Type** | **No.** | **Description** |
| DVI-D （24+1） | 2 | ·Max resolution supported is 1920*1300@60Hz，downward is compatible<br>·Compatible with HDMI1.3 and lower version，EDID version 1.3<br>.User-defined resolution supported, such as 1536*1536@60Hz,1200*1800@60Hz |
| **Control interface** | | |
| **Type** | **No** | **Description** |
| RS232（RJ 11） | 1 | .Baud rate 9600E， RJ 11 to RS232 cable provided. |
| **Features** | | |
| Fade in/fade out | .Every channel supports fade in/out switch. | |
| Humanized interface | .KS600E has color LCD panel, numerical buttons and adjustment knob and supports wizard setting. | |
| Scheduled task | ·Make timing operation to complete automatic management via KYSTR software | |
| **Others** | | |
| Software control | RS232/USB | Dimension(mm) | 66(H)×432(L)×225(W) |
| Weight(Kg) | 3.5 | Input power | 100-240VAC，47-63Hz，≤2A |
| Work environment | Temperature:0-40℃；<br>humidity:0-95% | Warranty period | 1 year |

The parameters are subject to changes without further notice