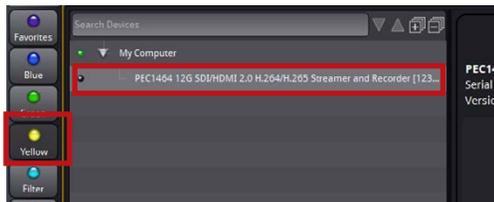


## Quick Start Guide: Access PEC 1464 Web GUI

- 1 After connecting your PEC 1464 with your local network, connect the PEC 1464 via the supplied mini USB cable to a PC or MAC with the latest version of LynxCentraal or yelloGUI installed.
- 2 In LynxCentraal: Look for the PEC 1464 in the “yellow” section. In yelloGUI: The device will be listed in the device list.



- 3 On the Main Page a “Network” section should be visible with DHCP select. Because of this the IP Address shown for your device will vary. Copy the IP Address to your preferred browser to show the Web UI.

**Note:** Your browser will most likely warn you about accessing this address. To avoid this warning in the future an SSL certificate can be uploaded to the device, or the warning can be ignored.



- 4 On the login page enter the default password:  
**yellobrik\$admin**

We recommend changing the password via the web UI “system” settings.

**Note:** If a full factory reset is performed (i.e. with the factory reset button on the device) the password will reset as well.

If your network requires you to set a fixed IP address switch DHCP to Static and enter the necessary settings in LynxCentraal or yelloGUI. For more information on this, please refer to the PEC 1464 manual and your local network administrator.



# yellobrik®

## Technical Specifications

<b>SDI Video Input</b>	1 x SDI Input on 75 Ohm BNC connector 1 x SDI Loop Output on 75 Ohm BNC connector SMPTE ST 2082 (12G), SMPTE ST 2081 (6G), SMPTE 424M (3G), SMPTE 292M (1.5G) Electrical Return Loss: >15dB from 5MHz to 1.5GHz, >10dB from 1.5GHz to 3GHz, >7dB from 3GHz to 6GHz, >4dB from 6GHz to 12GHz Automatic cable EQ (Belden 1694A cable) 190m @ 1.5Gbit/s, 150m @ 3Gbit/s, 85m @ 12Gbit/s
<b>HDMI Input</b>	1x HDMI 2.0b Input
<b>Fiber Optic Input</b>	<b>SFP Port (Optional):</b> SMPTE ST-2082 1 x fiber optic input (LC/PC Connections) 1 x fiber optic loop output (LC/PC Connections)
<b>Network</b>	10/100/1000 Ethernet (RJ-45) - Cat 7
<b>Analog Audio</b>	1x 3.5mm Stereo Audio Jack (Tip Ring Sleeve)
<b>USB</b>	1x USB 3.0 female Type A for storage media (Supported formatting: FAT32, exFAT, vFAT, Ext2, Ext3, Ext4) 1x USB Mini female Type B port for control, monitoring, and updates
<b>Power</b>	+12V DC @ 8W nominal (supports 10 - 24V DC input range)

## Online Product Page

For additional information on the device visit our website via the QR code to the right. This website shows the most recent datasheets, quick reference guides and more.



**CAUTION:** This is a high power module. If mounting the module in the RFR 1200 rack frame please leave an empty slot each side of the module to allow for adequate airflow to prevent the risk of overheating.

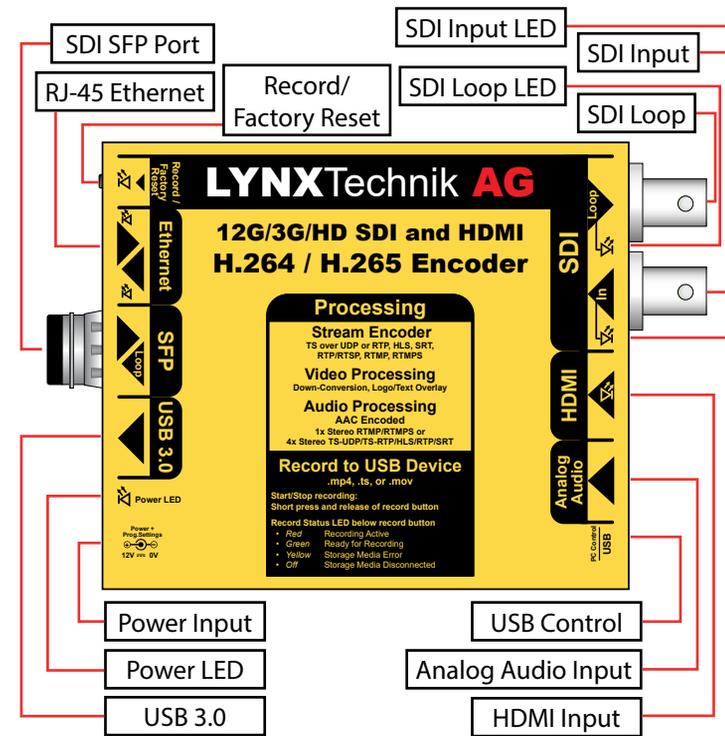
**LYNXTechnik AG** | [www.lynx-technik.com](http://www.lynx-technik.com)

# yellobrik®

 Quick Reference

## PEC 1464

12G-SDI/4K-UHD H.264/ H.265 Streamer and Recorder



**WARNING**  
CLASS 1M LASER PRODUCT



**Laser Radiation**  
Do not look directly into emitter with optical instruments

## Connections

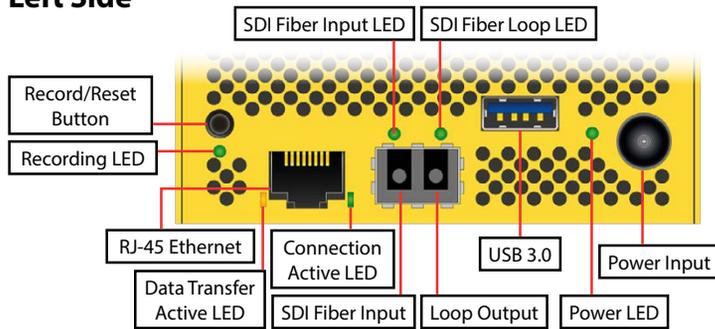
All connections are indicated on the module. Electrical SDI input and Loop out are made using the Standard 750hm BNC connectors. SDI fiber connections are dependant on optionally available SFP.

HDMI connections can be made via the female HDMI 2.0b connector.

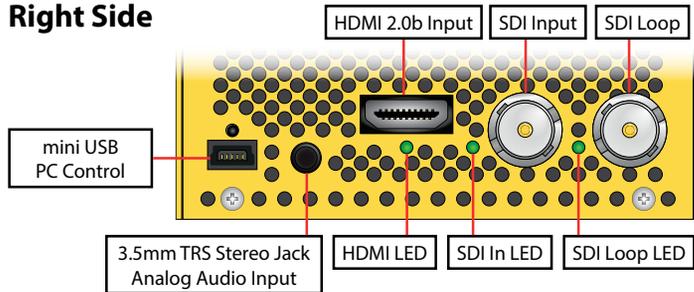
Ethernet can only be connected via the RJ-45 connector. Please use at least a CAT 7 cable for the connection.

Analog Audio can be connected via the female 3.5mm TRS stereo connector. The USB 3.0 connector can only be used for storage devices.

## Left Side



## Right Side



## Changing Stream and Recording Configurations

Within the Web User Interface settings can be instantly applied by selecting them from dropdown menus or by activating sliders.

## Starting a Stream/Recording

To go live select the desired type of stream and its target(s) if necessary. Once your settings are made click the “live” slider. To start a recording first plug in a properly formatted USB 3.0 storage device and set your recording format/other settings appropriately. Once your settings are made click the “record” button in the interface **or** press the physical record button once. **Maximum recording time for .mp4 and .mov is 4 hours.**

## Module LEDs

The module has several LEDs included to indicate status:

### Power / Prog Setting LED

- Green Power OK - no internal programmed settings are present (factory preset)
- Yellow Power OK - some programmed settings are active\*
- (blinking) “Locate Module” function active
- (blinking) Red Hardware Issues
- Off Power not present

\*Internal settings have been made using LynxCentraal or the Web GUI

### Recording LED

- Red Recording Active
- Green Ready for Recording
- Yellow Storage Media Error (for example wrong formatting, etc.)
- Off Storage Media Disconnected (LED turns off after safely ejecting the device in the Web GUI)

### SDI Input/SDI Loop/HDMI/Fiber RX/Fiber Loop Status LED

- Green Valid Signal
- alternating Green/Red **Only on SDI-Input:** Input recognized, but format not compatible
- Off No Valid Signal Detected

## Mounting Solutions

The optional RFR 1001 mounting bracket can be used to permanently mount the module on any surface or on 19” rack rails.



The optional RFR 1000-1 and RFR 1200 rack mount can be used to mount up to 14 yellobrik modules. In addition, both rack frames provide full power redundancy for all mounted yellobriks.

## Support

If you encounter issues or have questions visit our knowledge base for FAQ on your product.



Can't find the answer to your problem? Contact our support team for individual support

[support.lynx-technik.com](http://support.lynx-technik.com)

Please remember to register your product via LynxCentraal so we can process future repairs, returns or similar faster.

## Firmware Updates / Control Software

To update a yellobrik, connect power to it and connect it to the PC or Mac running LynxCentraal with the provided USB cable. The control software will indicate if a new firmware is available. To start the update change to the “Update” tab, select the devices to update and click “Start Update” in the bottom right corner.



[lynxcentraal.lynx-technik.com](http://lynxcentraal.lynx-technik.com)

Firmware updates are always free of charge.