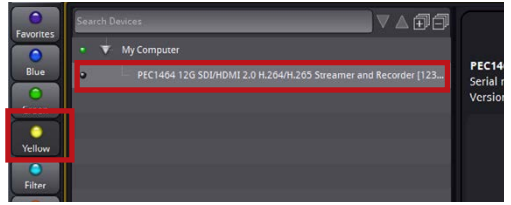
Quick Start Guide: Access PEC 1464 Web GUI

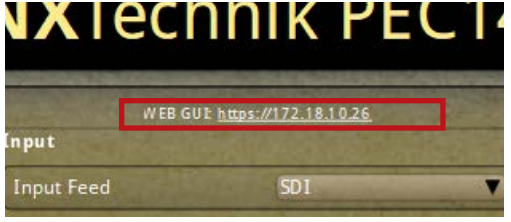
1. After connecting your PEC 1464 with your local network, connect the PEC 1464 via the supplied mini USB cable to a PC or MAC with the latest version of LynxCentraal or yelloGUI installed.

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.

PEC1464_R04

yellobrik®

yellobrik® Quick Reference

Technical Specifications

SDI Video Input	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
HDMI Input	1x HDMI 2.0b Input
Fiber Optic Input	**SFP Port (Optional):** SMPTE ST-2082 1 x fiber optic input (LC/PC Connections) 1 x fiber optic loop output (LC/PC Connections)
Network	10/100/1000 Ethernet (RJ-45) - Cat 7
Analog Audio	1x 3.5mm Stereo Audio Jack (Tip Ring Sleeve)
USB	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
Power	+12V DC @ 16W (supports 10 to 24V DC input range)
Includes	Module, AC power supply, Mini-USB cable, ethernet cable

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.

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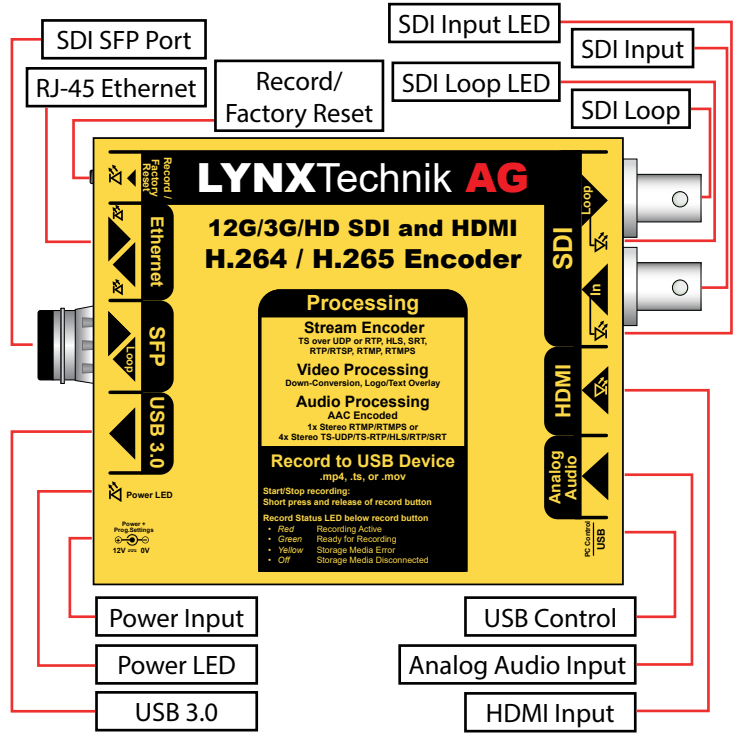
PEC 1464

H.265 Streamer and Recorder



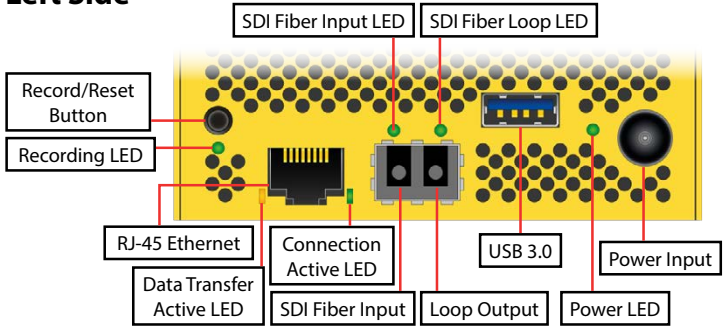
WARNING
CLASS 1M LASER PRODUCT

Laser Radiation
Do not look directly into emitter with optical instruments

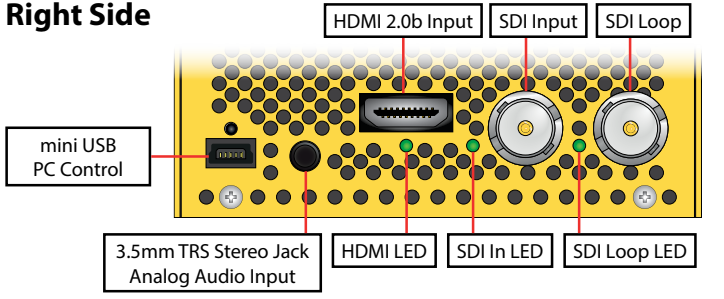
Connections

All connections are indicated on the module. Electrical SDI input and Loop out are made using the standard 75 Ohm BNC connectors. SDI fiber connections are dependent 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*
Yellow (blinking)	"Locate Module" function active
Red (blinking)	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 1200 rack mount can be used to mount up to 4 PEC 1464 yellobrik modules.

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

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

Firmware updates are always free of charge.