

# EYEPOINT MUX

The **EYEPOINT MUX** is designed to switch one input channel to any of the 64 output channels in an operator defined sequence.

The **EYEPOINT MUX** can be used to quickly test edge connectors of defective boards as well as to perform input inspection of microchips using specialized tooling for their installation.



## THE EYEPOINT MUX FEATURES

### Scaling modules

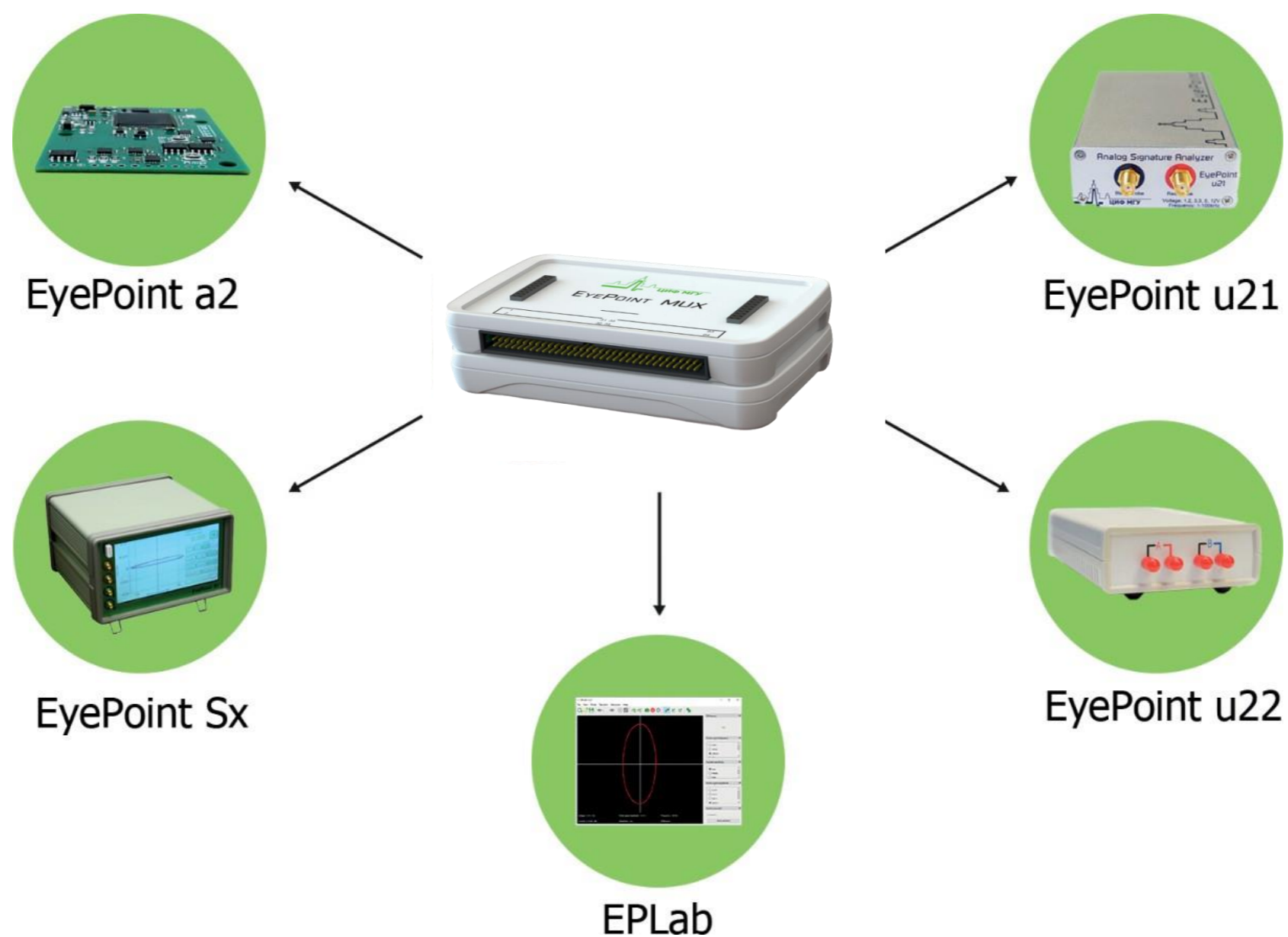
Possibility to connect **EP MUX** modules to get more output channels



The maximum number of modules that can be connected is **8**, which gives **512 channels** per output

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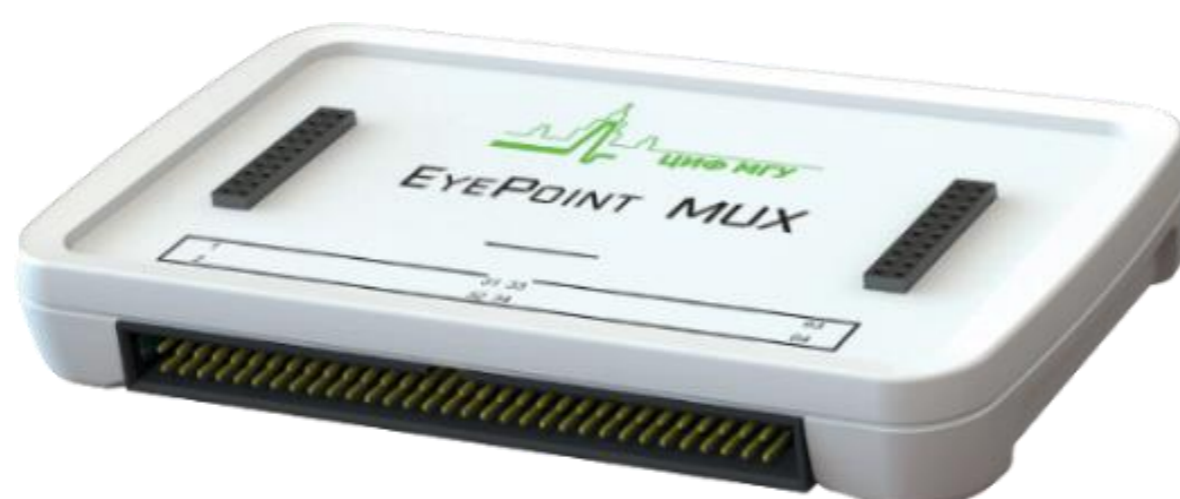
Compatible with the entire line  
of EP instruments



- Automatic test plan support with report generation

## Technical specifications of the multiplexer (motherboard + multiplexer itself)

- Transmitted signal voltage:  $\pm 12V$
- Maximum current of transmitted signal: 90mA
- Maximum frequency of transmitted signal: 100 kHz
- Channel impedance: 11 Ohm
- Channel capacity: 100 pF
- PC connection interface USB Type-C
- Software control capability (C/C++, C#, Python)
- Dimensions: 130 x 75 x 17.5 mm
- Weight of one piece: 115 g



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## Brief description of parts of the multiplexer

### EYEPOINT MUX\_M



**Signal multiplexer** motherboard  
signature analyzer

Allows connection of up to 8 modules  
for 64 channels

### EYEPOINT MUX\_S\_A



64-Channel **Multiplexer Module**  
(one to many)

Allows each of the 64 channels to be probed  
in relation to a common wire