



Raspberry Pi Global Shutter Camera

PCN 63 – Addition of input trigger
connector

Colophon

© 2022-2026 Raspberry Pi Ltd

This documentation is licensed under a [Creative Commons Attribution-NoDerivatives 4.0 International](#) (CC BY-ND).

Release	1
Build date	22/09/2026
Build version	7e6cf1fba5c9

Legal disclaimer notice

TECHNICAL AND RELIABILITY DATA FOR RASPBERRY PI PRODUCTS (INCLUDING DATASHEETS) AS MODIFIED FROM TIME TO TIME (“RESOURCES”) ARE PROVIDED BY RASPBERRY PI LTD (“RPL”) “AS IS” AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW IN NO EVENT SHALL RPL BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THE RESOURCES, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

RPL reserves the right to make any enhancements, improvements, corrections or any other modifications to the RESOURCES or any products described in them at any time and without further notice.

The RESOURCES are intended for skilled users with suitable levels of design knowledge. Users are solely responsible for their selection and use of the RESOURCES and any application of the products described in them. User agrees to indemnify and hold RPL harmless against all liabilities, costs, damages or other losses arising out of their use of the RESOURCES.

RPL grants users permission to use the RESOURCES solely in conjunction with the Raspberry Pi products. All other use of the RESOURCES is prohibited. No licence is granted to any other RPL or other third party intellectual property right.

HIGH RISK ACTIVITIES. Raspberry Pi products are not designed, manufactured or intended for use in hazardous environments requiring fail safe performance, such as in the operation of nuclear facilities, aircraft navigation or communication systems, air traffic control, weapons systems or safety-critical applications (including life support systems and other medical devices), in which the failure of the products could lead directly to death, personal injury or severe physical or environmental damage (“High Risk Activities”). RPL specifically disclaims any express or implied warranty of fitness for High Risk Activities and accepts no liability for use or inclusions of Raspberry Pi products in High Risk Activities.

Raspberry Pi products are provided subject to RPL’s [Standard Terms](#). RPL’s provision of the RESOURCES does not expand or otherwise modify RPL’s [Standard Terms](#) including but not limited to the disclaimers and warranties expressed in them.

Document version history

Release	Date	Description
1	23 Sep 2026	Initial release

Product Change Notification

Notification ID

63

Notification date

7 September 2026

Title

Addition of input trigger socket providing access to internal trigger signal.

Products Affected

Raspberry Pi Global Shutter Camera

Reason for Change

Improved functionality.

Change Description

A socket has been added to the rear of the Raspberry Pi Global Shutter Camera enclosure that gives access to the internal input trigger. An appropriate cable is supplied with this product.

Mechanical (Form, Fit, Function) Changes

The rear of the product now has a small socket.

Electrical

The internal PCB has been modified to include the trigger socket.

Software/Firmware Changes Required

Note

Users of this revision who do not need the trigger function will not need to make any changes to their software.

This new product revision is supported in firmware versions from 2025 onwards.

The firmware version and date can be queried by running 'vcgencmd version' from the Raspberry Pi OS command line.

Raspberry Pi Ltd always recommend using the latest version of firmware and Linux kernel, wherever that is practical.

Use Raspberry Pi Imager to create a new SD card with the latest Raspberry Pi OS, or use the following to upgrade an existing system:

</> Code

```
sudo apt update  
sudo apt full-upgrade
```

Transition Date(s)

3 Sept 2026

There will be a transition period where both old and new units are available in the distribution channel.

Identification Method to Distinguish Change

The new product can be distinguished by visual examination.

Table 1.

Comparison Images

Original Part	New Part
 A photograph of the original Raspberry Pi 400 board, which is a black square board with a Raspberry Pi logo in the center. It has four gold-colored mounting holes at the corners and a black USB-C port at the bottom. The board is shown against a light-colored wooden background.	 A photograph of the new Raspberry Pi 400 board, which is identical to the original but includes an additional input trigger connector. This connector is a small, rectangular, gold-colored component located on the right side of the board, near the bottom. It is highlighted with a red square. A black cable with a white connector is plugged into the trigger connector. The board is shown against a light-colored wooden background.

Contact us for more information

Please contact applications@raspberrypi.com if you have any queries about this PCN.

Web: www.raspberrypi.com



Raspberry Pi

Raspberry Pi is a trademark of Raspberry Pi Ltd