

Olympus 260 Scope Trigger Setup Guide

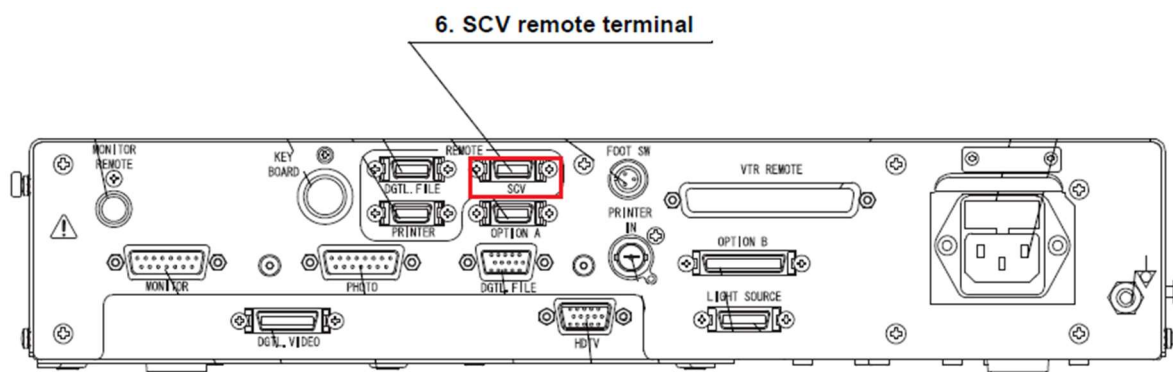
Introduction

This document describes how to set up triggering images from an Olympus scope.

Please note, you will be required to access the Olympus configuration settings in order to complete this installation.

Installing Olympus SCV trigger cable

To install the supplied Olympus SCV trigger cable, you will need to access the back panel of the Olympus processor, locate a port labelled, "SCV", see image below.



Once you have located this port, connect the supplied Olympus trigger cable.

NOTE: Check the orientation of the connector before connecting the cable.

Configuring Olympus processor

Using the Olympus keyboard, use the following steps to make the necessary configuration changes:

Key	Function
"▲", "▼"	Press to move the cursor up and down.
"TAB"	Press to move the cursor to the next data field.
"SHIFT" + "TAB"	Press to move the cursor to the previous data field.
"◀", "▶"	Press to move the cursor left and right.
"ENTER"	Press to confirm the entered data and to move the cursor to the next data.

SCV release time:

Press *System setup* (Page 1/3)

1. Select the text box "SCV" using the "▲" or "▼" keys
2. Press the "◀" or "▶" key to change the setting value to "0.5" seconds
3. Press ENTER to confirm change

SCV ON:

Press *System setup* (Page 2/3)

1. Using the "▲" or "▼" keys to navigate to page 2/3
2. Select the text box "SCV" using the "▲" or "▼" keys
3. Press the "◀" or "▶" key to change the setting value to "ON"
4. Press ENTER to confirm change

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Configuring scope buttons:

Generally, buttons **1** and **4** are configured for triggering images, to do this...

Press *User preset (Page 1)*

1. Using the “▲” or “▼” keys, navigate to one of the user names (i.e 1: “RESET” default)
2. Using the “◀” or “▶” keys, select “EDIT” and press ENTER
3. Using the “▲” or “▼” keys, navigate to “Switch4:”
4. Using the “◀” or “▶” keys, change the setting to “RELEASE”
5. Press ENTER to confirm change

Testing instructions:

For Windows 7 machines

1. Click on **Start -> Programs -> EMS – Image Capture Client Tools -> EMS Image Capture Test Client**
2. When the test client loads, click on “*Start Preview*”
3. If all has been connected correctly, a real-time image from the scope should appear
4. Using the scope, trigger image capture
5. Click “*Stop Preview*” to end testing

For Windows 10 machines

1. Press the Windows key (⊞ Win)+S and the search option should appear
2. Type “EMS” and click on the **EMS Image Capture Test Client** when it appears
3. When the test client loads, click on “*Start Preview*”
4. If all has been connected correctly, a real-time image from the scope should appear
5. Using the scope, trigger image capture
6. Click “*Stop Preview*” to end testing

Troubleshooting:

1. If the test client is displaying a black box, then:
 - a. Check BNC cables have been correctly reconnected
 - b. Check that a scope has been connected and the endoscopy stack is switched on
2. If the test client is displaying an error message, please contact the MEDILOGIK helpdesk with the error on screen

Support contact details:

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