

# TECHNICAL NOTE

## RECALIBRATION OPTIONS WHEN USING EXTENSION CABLES



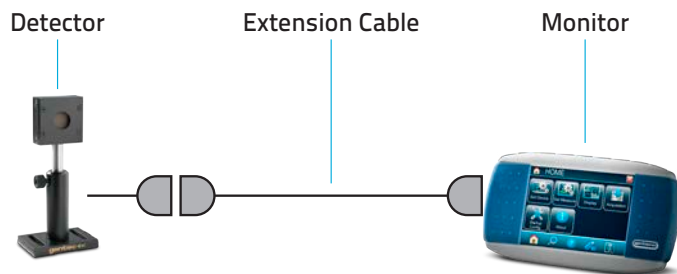
For industrial laser applications, extension cables are often necessary since the detectors are usually installed a certain distance from their monitors. When a recalibration is needed, the cables also have to be sent back to Gentec-EO for a recalibration because they contain Electrically Erasable Programmable Read-Only Memory (EEPROM) information that the monitor reads to recognize the detector (see CASE 1). Unfortunately, this may be an issue when the cables have been installed with other electrical wires in cable lines and are difficult to remove.

In order to solve this problem, Gentec-EO offers a simple solution. A custom DB15 to DB15 EEPROM replacement adaptor can be used to connect the monitor with the extension cable (see CASE 2). With this accessory, one does not need to send back the extension cable for a recalibration because the DB15 adaptor itself contains the EEPROM information.



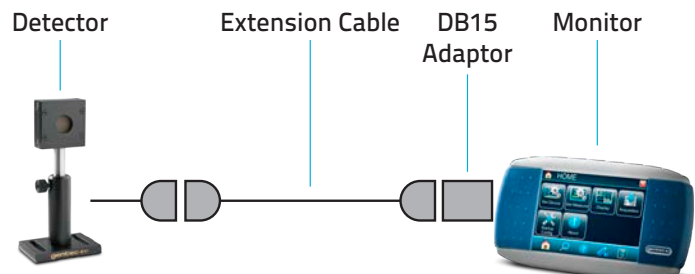
### CASE 1

The Extension Cable needs to be sent back for recalibration.



### CASE 2

The Extension Cable does not need to be sent back for recalibration. Send the DB15 Adaptor along with the detector.



**Important:** Please note that all the detectors can also be plugged directly into a monitor, without an extension cable or DB15 Adaptor, since they also contain the EEPROM information.