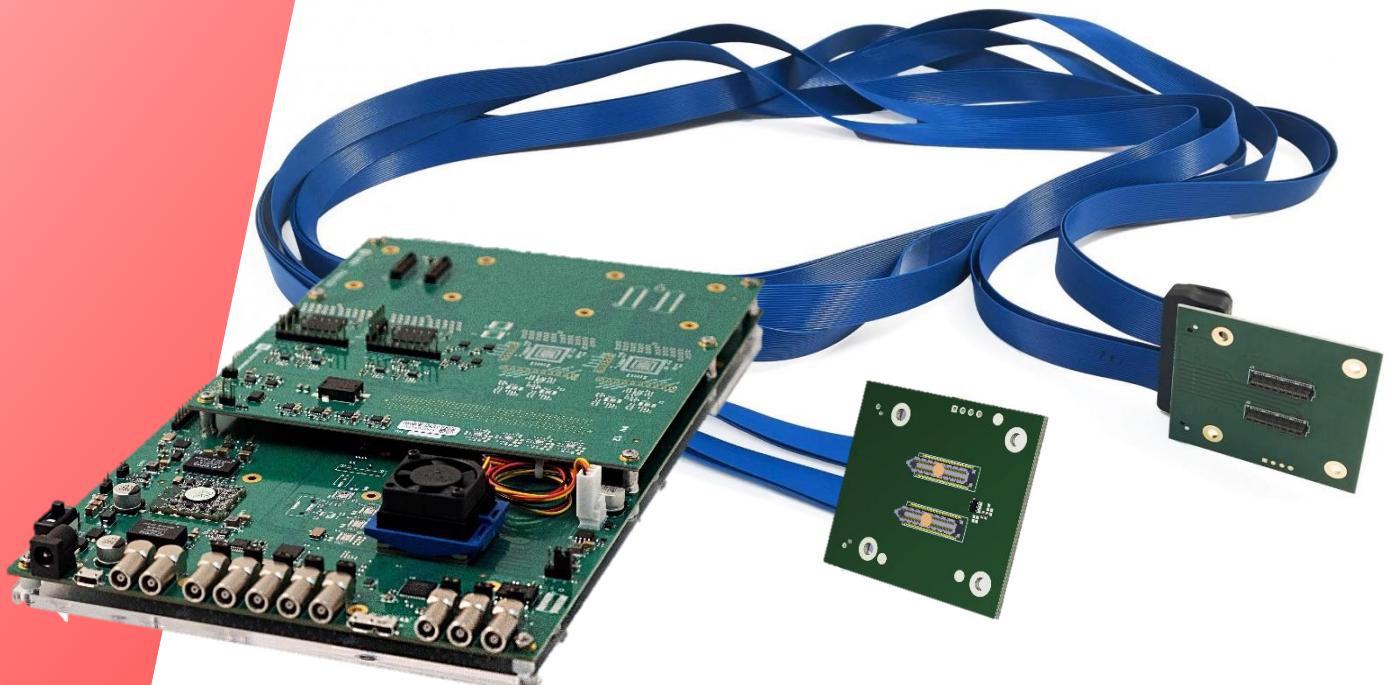


# PRELIMINARY

## REMOT5550W

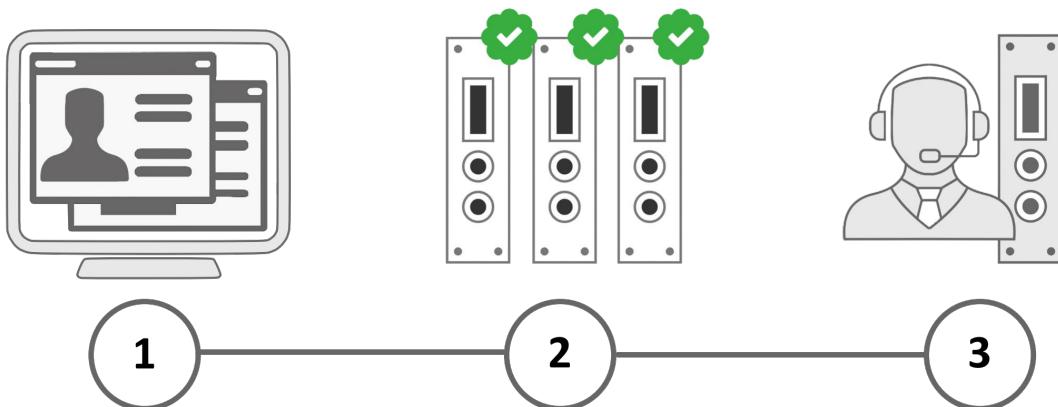
*Remotization kit with 2-meters cable for DT5550W*



## Register your device

Register your device to your **MyCAEN+** account and get access to our customer services, such as notification for new firmware or software upgrade, tracking service procedures or open a ticket for assistance. **MyCAEN+** accounts have a dedicated support service for their registered products. A set of basic information can be shared with the operator, speeding up the troubleshooting process and improving the efficiency of the support interactions.

**MyCAEN+** dashboard is designed to offer you a direct access to all our after sales services. Registration is totally free, to create an account go to <https://www.caen.it/become-mycaenplus-user> and fill the registration form with your data.



create a MyCAEN+ account

register your devices

get support and more!



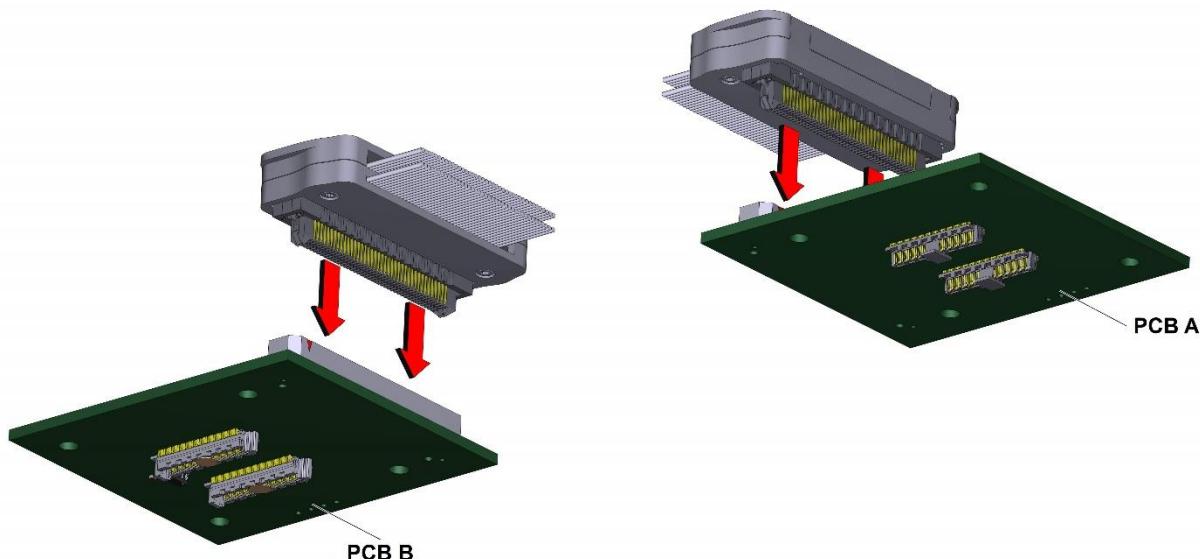
<https://www.caen.it/become-mycaenplus-user/>

## HIGHLIGHTS

- ◆ Plugs in A55PETx and A55CITx piggyback boards input connectors
- ◆ Extension cable to remotize Samtec SS4-40-3.0-L-D-K-TR connectors
- ◆ Allows to directly connect Hamamatsu SiPM matrix S13361-3050AE-08 2-meters away from the DT5550W board.

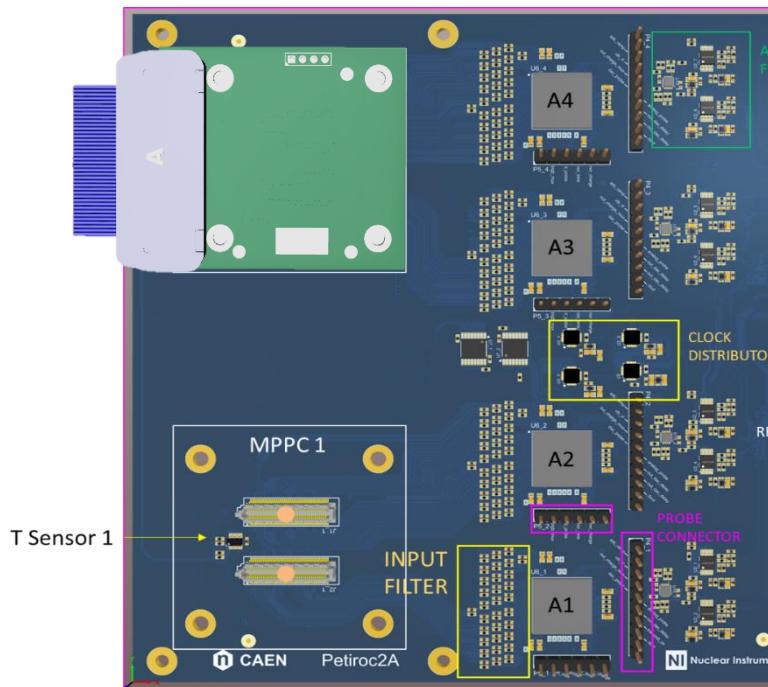
The **remotization kit for DT5550W** is compliant with both A55PETx and A55CITx piggyback boards. Each kit covers 64 readout channels of the DT5550W and it is composed of a micro-coaxial 2-meters cable with two adapter PCBs:

- PCB A adapts from cable end to the DT5550W input connectors
- PCB B adapts from cable end to SAMTEC SS4-40-3.00-L-DK-TR, allowing to connect directly an 8x8 Hamamatsu S13361-3050AE-08 SiPM matrix. This PCB also hosts a TMP37 sensor to measure the SiPM temperature for bias feedback operation
- The 34 AWG coax ribbon cable brings the bias and readout lines, without significant signal degradation over two meters



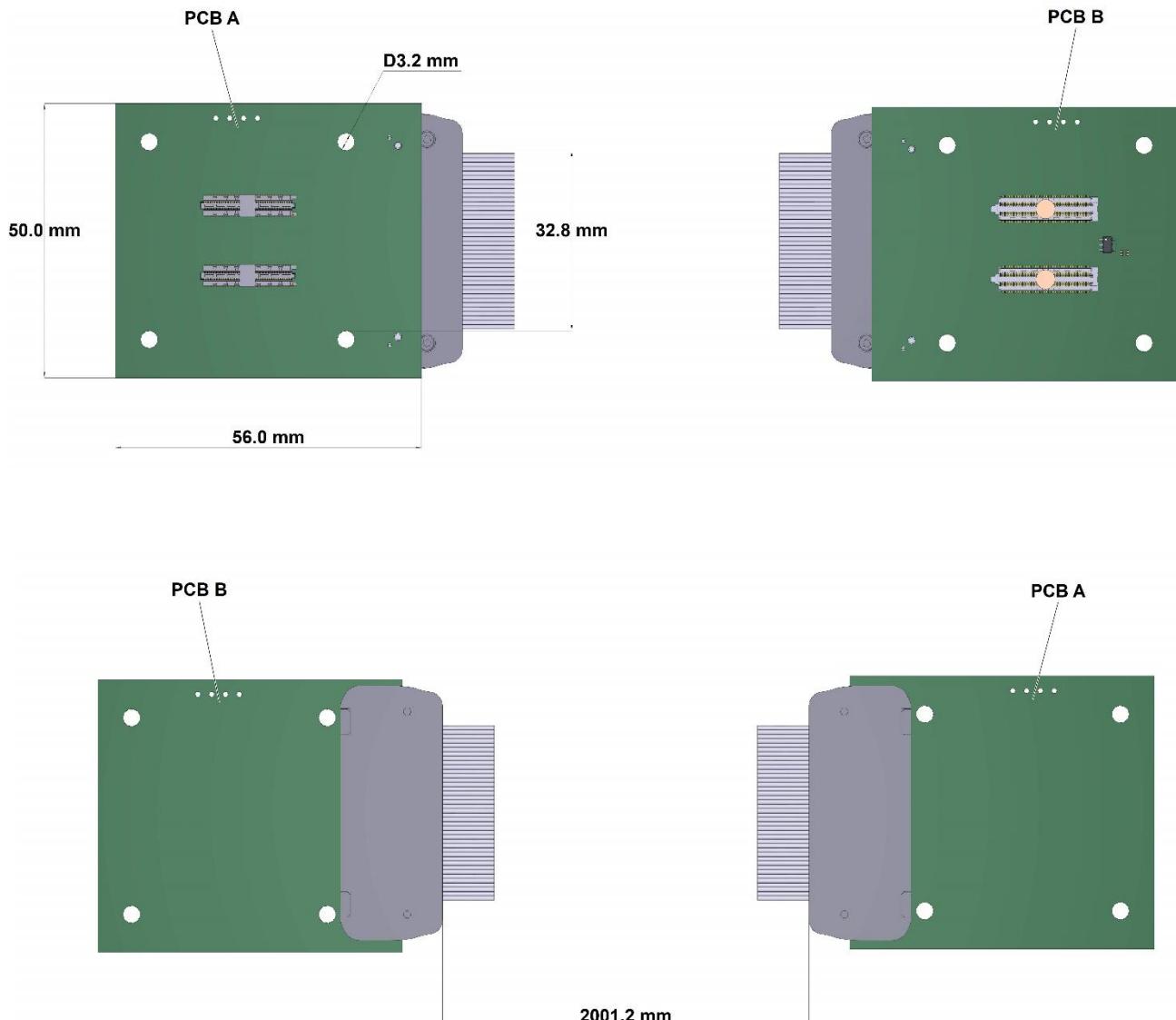
## Mounting orientation

The PCB A must be connected to the cable side highlighted with a black line on the wire shielding. The mounting orientation shown in the figure below should be followed.



**PCB A SHOULD BE PLUGGED ONTO THE DT5550W VERY CAREFULLY TO AVOID DAMAGING THE ULTRA FINE PITCH CONNECTORS.**

## Dimensions



### Ordering Options

Ordering code  
WKREMOT5550W

Description  
Remotization kit with 2-meters cable for DT5550W



REMOT5550W

Remotization kit with 2-meters cable for DT550W

**CAENspa India Private Limited** B205,

BLDG42, B Wing,

Azad Nagar Sangam CHS,

Mhada Layout, Azad Nagar, Andheri West

Mumbai, Maharashtra 400053, India

info@caen-india.in

**www.caen-india.in**

**CAEN S.p.A.**

Via Vетraia 11

55049 - Viareggio

Italy

Phone +39.0584.388.398

Fax +39.0584.388.959

info@caen.it

**www.caen.it**

**CAEN GmbH**

Brunnenweg 9

64331 Weiterstadt, Germany

Phone +49 (0)212.254.4077

Mobile +49 (0)151.16.548.484

info@caen-de.com

**www.caen-de.com**

**CAEN Technologies, Inc.**

1 Edgewater Street - Suite 101

Staten Island, NY 10305

USA

Phone +1.718.981.0401

Fax +1.718.556.9185

info@caentechnologies.com

**www.caentechnologies.com**