



## Digitizer tailored for the BCM-RF-E

Sampling rate 20 times larger than BCM-RF-E bandwidth

16-bit ADC

Installed in the same chassis as the BCM-RF-E

EPICS, Python and LabVIEW compatible

## Principle

It can acquire the main output of the BCM-RF-E, whether it is in Sample & Hold or Track-Continuous mode. Signal view output can be acquired simultaneously.

Its inputs full scales are tuned to the output of the BCM-RF-E, in order to provide the highest possible resolution.

It can be used with any programming language to fit to your acquisition chain, or with our EPICS interface software.

## Specifications

Resolution	16 bits
Sampling rate	100 MS/s
Max acquisition length	100 $\mu$ s
SNR	65 dB typical
Full scales	0..1V (50 $\Omega$ ) front 0..5 V (High Z) rear
Digital interface	USB type B

## Order codes

### Chassis

BCM-RFC-DAQ/x: 19"x3U RF-shielded chassis with x wired stations (1 or 2, one station contains one location for a BCM-RF-E, one DAQ-BCM-RF, and their power supplies)  
AC mains 90-125 Vac or 220-245 Vac, switch selectable 50/60 Hz

### Electronics

DAQ-BCM-RF: Eurocard format 100 x 160 mm, 40 mm wide to be plugged into BCM-RFC-DAQ chassis station

## MANUFACTURER

**BERGOZ Instrumentation**  
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