BRIGHTSPEC

bPAD 422

Digital single-channel analyser in the tube socket with RS422/485, for radiotracer measurements

Compact, tube-based digital single-channel analyser of the bPAD type with an RS422/485 interface. Together with BrightSpec's digital counters (DAS) in a carrying case it forms a measurement system for radiotracer applications in industrial processes.



Weight

Approx. 80 g [1]

Specifications

Communication	RS422/485; SCA pulses via RS422; TTL output via SMA optional	[1]
Gain	Coarse ×1, ×2, ×4, ×8 (optionally also ×16, ×32, ×64, ×128); fine ×1–×2 in 4,096 steps	[1]
Discriminator	Upper and lower level discriminator, 2,048 steps	[1]
Detector high voltage	Built-in, 0 to +1,500 V in 4,096 steps	[1]
Supply voltage	9–36 V (3.81 mm pluggable terminal block)	[1]
Power consumption	Max. 1 W	[1]
Dimensions	Height 71 mm, diameter 56 mm	[1]
Weight	Approx. 80 g	[1]

Sources

[1] **bPAD-422 technical specifications (V1.3)**
BrightSpec · datasheet · p. 2, Technical Specifications · checked 2026-10-16
https://www.brightspec.be/brightspec/downloads/bPAD_422_Spec_V1.3.pdf

Every value is taken from the manufacturer's own document; the number after the value refers to the source list. Always check against the latest datasheet before ordering.

The data comes from the manufacturer's published documents. Manufacturers may change specifications; the current configuration and performance are confirmed in the quotation.