BRIGHTSPEC

bPAD+

bPAD with an extra analogue pulse output to an external MCA

Enhanced version of the bPAD digital single-channel analyser with an extra analogue pulse output, which can be connected to an external MCA for monitoring. It is set up digitally via USB in the same way as the bPAD.

perating modes
Differential and integral [1]

Discriminator
Upper and lower level discriminator, 2,048 steps [1]

Gain
×1–×256 [1]

Specifications

perating modes	Differential and integral	[1]
Discriminator	Upper and lower level discriminator, 2,048 steps	[1]
Gain	×1–×256	[1]
Signal outputs	TTL-compatible pulse output of programmable duration	[1]
Analog output	Analogue pulse output 0–2 V, 50 Ω, for an external MCA	[1]
Detector high voltage	Up to 1,500 V	[1]
Supply voltage	External 9–36 V	[1]
Dimensions	ø56 × 60 mm (71 mm including the connectors)	[1]

Sources

[1] **bPAD+**
BrightSpec · product-page · Product page – Main features; Product page · checked 2026-10-16
https://www.brightspec.be/brightspec/?q=node/14

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.