

Detectors Data Sheet: Ruggedized 16D16X64/3.5
Alpha Spectra, Inc.
Grand Junction, Colorado

Detector Model Number:	16D16X64/3.5
Detector Style:	Ruggedized Demountable
Crystal Material:	NaI(Tl)
Crystal Dimensions:	4" x 4" x 16" (10.2cm x 10.2cm x 40.6cm)
Volume:	256 cu. in. (4.2 liters)
Crystal Housing:	0.018" thick all-welded, evacuated, stainless steel crystal housing
Photomultiplier:	3.5" demountable
Light Shield:	Mu metal
Connectors:	14 pin base
Operating voltage polarity:	Positive
Operating voltage:	750-1100 VDC (typical) 1500 VDC (maximum)
Pulse Height Resolution:	7.5% or better side on at 662 KeV (Cs-137)
Operating temperatures:	40 °F (5 °C) and 120 °F (50 °C); max rate of change not to exceed 15 °F/hr (8 °C/hr)
Operating position:	Any orientation
Options:	CsI(Na) material, integrally mounted voltage divider assembly, aluminum housing.
Applications:	Homeland security, geophysical surveying, health physics, environmental surveying
Notes:	Standard warranty included.



Models 16D16X64/3.5 shown here.

Please go to our website www.alphaspectra.com for more information about our capabilities. ASI was founded in 1986.



Alpha Spectra, Inc.
SCINTILLATION DETECTORS

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