

Ultra-Wideband Antenna Array

The electronically scanning antenna array allows efficient and accurate 3-dimensional data acquisition for applications such as utility mapping, road, railway and airfield inspection. With the Multi-Offset option, the user can program advanced scanning patterns such as CMP (Common Mid Point) recording for wave velocity estimation.



Model B2431 is a 2.4 meter wide antenna array with 31 antenna elements designed for use with the GeoScope™ 3-dimensional Ground Penetrating Radar.

Model B3231 is a 3.2 meter wide antenna array with 31 antenna elements designed for use with the GeoScope™ 3-dimensional Ground Penetrating Radar.

Specifications	B2431	B3231
Frequency range:	100 MHz - 2000 MHz	300 MHz - 3 GHz
Antenna elements:	Bow-tie monopole antennas (10cm offset distance)	Bow-tie monopole antennas (10cm offset distance)
Number of elements:	31 transmit/receive antenna pairs	31 transmit/receive antenna pairs
Antenna separation:	75 mm (cross-line)	100 mm (cross-line)
Effective scan width:	2250 mm	3000 mm
Scanning:	Electronically scanning	Electronically scanning
Direct wave suppression:	> 35 dB	> 35 dB
Polarization:	Linear	Linear
Sealing:	IP64	IP64
Size & Weight:	2410 x 665 x 350 mm, 52 kg	3210 x 500 x 260 mm, 60 kg
Shipping container (option):	2455 x 710 x 400 mm, 40 kg	3250 x 530 x 330 mm, 50 kg

Accessories (B2431/3231): 4-wheel lightweight trailer. Programmable Spray Paint Marker Device. 6 meter antenna cable.

3D-RADAR
...the ground is no limit

3D-RADAR AS

Kløbuveien 196 B
N-7037 Trondheim
Norway

Tel +47 7289 3200
Fax +47 7289 3201

sales@3d-radar.com
www.3d-radar.com

3D-RADAR
a Curtiss-Wright Company