

## BARKIN-3D

### PORTABLE THREE-DIMENSIONAL BEHIND THE WALL IMAGING RADAR



3D BEHIND-WALL  
VIEWING



REAL-TIME HIGH  
PERFORMANCE



HIGH  
RESOLUTION



ADVANCED SIGNAL  
TECHNOLOGIES



STRONG COMPATIBILITY  
WITH THE ENVIRONMENT



STRONG  
PENETRATION

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### PORTABLE THREE-DIMENSIONAL BEHIND THE WALL IMAGING RADAR

#### GENERAL FEATURES

BARKIN-3D behind-the-wall radar is a vital sign detection device based on UWB radar technology and biomedical engineering technology. This product can penetrate obstacles such as building walls, and 3D imaging obtains real-time information such as location, posture and the number of human targets behind the wall. Featured with strong penetration, good portability, high positioning accuracy, long detection distance and intelligent posture recognition, BARKIN-3D is widely used in reconnaissance scenarios such as search-and-rescue, anti-terrorism, hostage rescue, urban street conflict and border control.



#### TECHNICAL SPECIFICATIONS

<b>Device Type</b>	MIMO architecture 3D imaging via wall radar	<b>Operating Method</b>	Can be carried on the soldier's back or easily hand-held for detection
<b>Penetrable Materials</b>	Concrete, reinforced concrete, cement, plaster, mixed brick, wood, adobe, plaster and other standard building materials	<b>Remote Control via Tablet</b>	Yes
<b>Detection Range</b>	≥50m	<b>Battery Life</b>	≥4h
<b>Viewing Angle</b>	120°	<b>Control Distance with Tablet</b>	≥100m
<b>Detection Mode</b>	Real-time 3D imaging, gesture recognition, positioning, target number display, indoor structure inversion, simultaneous detection of moving and static targets	<b>Charging Method</b>	Type-C
		<b>Radar Dimensions</b>	≤400mm×400mm×45mm