



APS



advanced
protection
systems

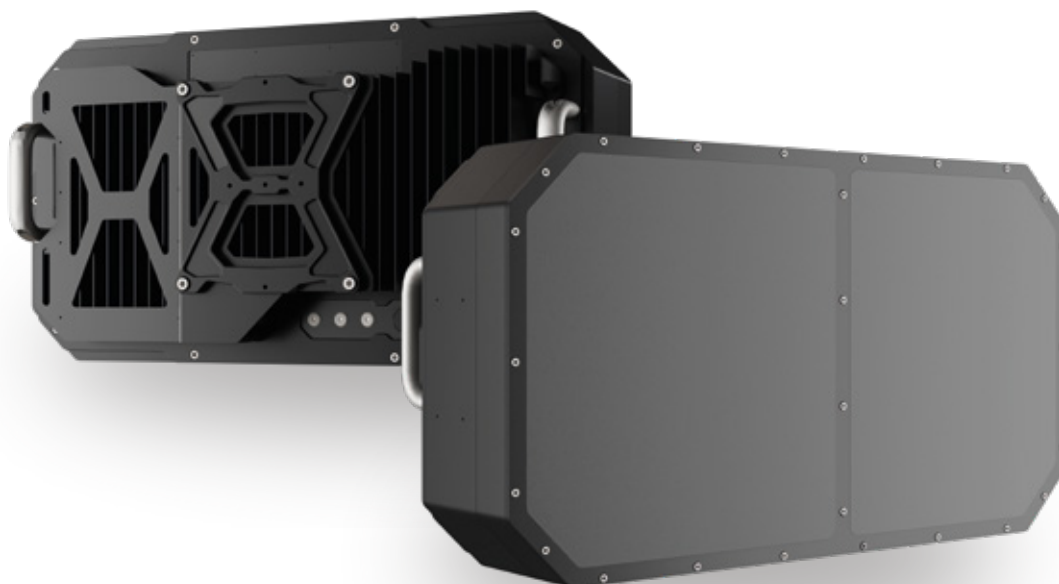
**WE PROTECT
THE AIRSPACE**

FIELDctrl 3D MIMO Radars

FIELDctrl Advance 3D MIMO Radar

FIELDctrl



Product Name	FIELDctrl Advance 3D MIMO Radar		
Field of View (azimuth/elevation)	90°/60°		
Radar Type	FMCW		
Output Power	80 W, 19 dBW		
Frequency of Operation / Frequency Tuning Range	From 9.7 to 10 GHz		
Class of Emission	300MFXN		
Bandwidth	300 MHz		
Supply Voltage	24 VDC and 230 VAC variants		
Ingress Protection Code	IP66/IP67		
Dimensions (L×W×H) excl. mounting brackets	645 × 360 × 180 mm		
Weight (panel only)	31.4 kg		
Effective Detection and Classification Range for Micro UAVs – RCS 0.01 m ²	3 km		
Minimum Target Altitude (AGL)	1 m		
Minimum UAV Detection Speed	0 m/s (hovering drone)		
Color version available	 military green	 desert sand	

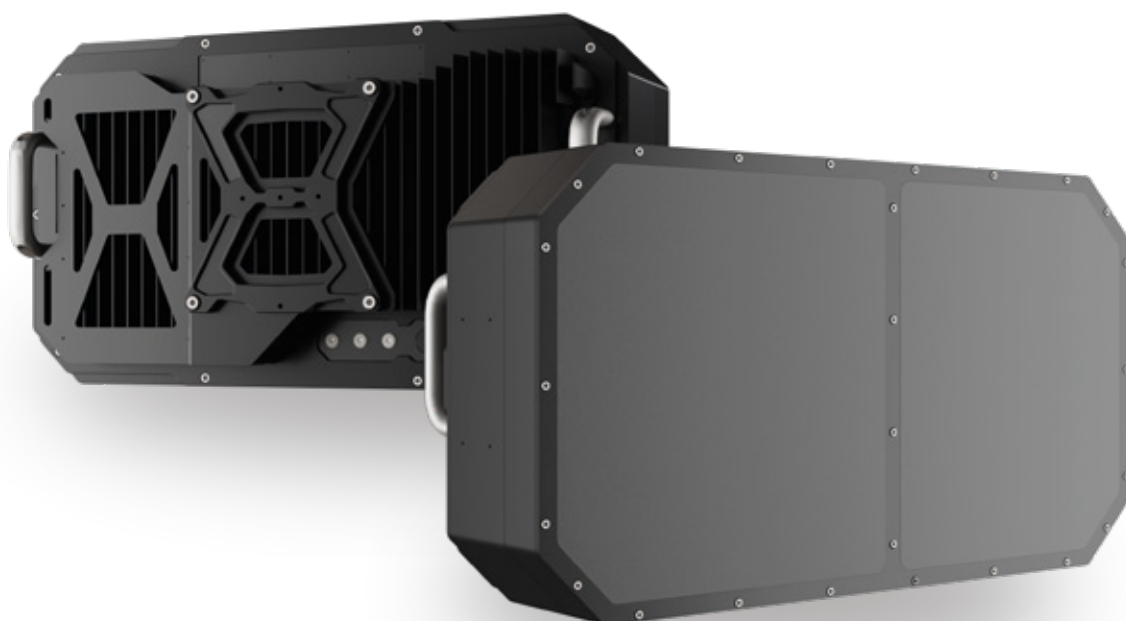


FIELDctrl 3D MIMO Radars

FIELDctrl Range 3D MIMO Radar

FIELDctrl

Product Name	FIELDctrl Range 3D MIMO Radar	
Field of View (azimuth/elevation)	90°/30°	
Radar Type	FMCW	
Output Power	80 W, 19 dBW	
Frequency of Operation / Frequency Tuning Range	From 9.7 to 10 GHz	
Class of Emission	300MFXN	
Bandwidth	300 MHz	
Supply Voltage	24 VDC and 230 VAC variants	
Ingress Protection Code	IP66/IP67	
Dimensions (L×W×H) excl. mounting brackets	645 × 360 × 180 mm	
Weight (panel only)	31.4 kg	
Effective Detection and Classification Range for Micro UAVs – RCS 0.01 m ²	5 km	
Minimum Target Altitude (AGL)	1 m	
Minimum UAV Detection Speed	0 m/s (hovering drone)	
Color version available	 military green	 desert sand



FIELDctrl 3D MIMO Radars

FIELDctrl Runway 3D MIMO Radar

FIELDctrl



Product Name	FIELDctrl Runway 3D MIMO Radar		
Field of View (azimuth/elevation)	45°/20°		
Radar Type	FMCW		
Output Power	80 W, 19 dBW		
Frequency of Operation / Frequency Tuning Range	From 9.7 to 10 GHz		
Class of Emission	300MFXN		
Bandwidth	300 MHz		
Supply Voltage	24 VDC and 230 VAC variants		
Ingress Protection Code	IP66/IP67		
Dimensions (L×W×H) excl. mounting brackets	850 x 567 x 190 mm		
Weight (panel only)	40,6 kg		
Effective Detection and Classification Range for Micro UAVs - RCS 0.01 m ²	8 km		
Minimum Target Altitude (AGL)	1 m		
Minimum UAV Detection Speed	0 m/s (hovering drone)		
Color version available	<input checked="" type="radio"/> military green	<input type="radio"/> desert sand	



FIELDctrl 3D MIMO Radars

FIELDctrl Ultra 3D MIMO Radar

FIELDctrl

Product Name	FIELDctrl Ultra 3D MIMO Radar	
Field of View (azimuth/elevation)	90°/90°	
Radar Type	FMCW	
Output Power	200 W, 23 dBW	
Frequency of Operation / Frequency Tuning Range	From 9.7 to 10 GHz	
Class of Emission	300MFXN	
Bandwidth	300 MHz	
Supply Voltage	230 VAC	
Ingress Protection Code	IP66/IP67	
Dimensions (L×W×H) excl. mounting brackets	840 x 680 x 320 mm	
Weight (panel only)	81 kg	
Effective Detection and Classification Range for Micro UAVs - RCS 0.01 m ²	6 km	
Minimum Target Altitude (AGL)	1 m	
Minimum UAV Detection Speed	0 m/s (hovering drone)	
Color version available	 military green	 desert sand





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