

Q119.2026

رقم الاستدراج:

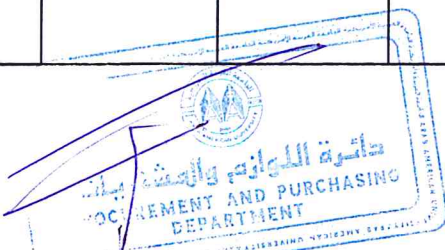
التاريخ: 04/03/2026

السادة:

تلفون:

إيميل:

BR2426-000		استدراج عروض أسعار: الرجاء تزويدنا بأسعار اللوازم التالية شامل لضريبة القيمة المضافة:				
تاريخ التوريد	اجمالي تكلفة البند	السعر	الكمية	الوحدة	اسم الصنف	#
			15	عدد	<p>Technical Specification Professional RF & Digital Signal Detector Application: Examination Hall Counter-Surveillance / Performance Benchmark: Equivalent to iProtect DD1206 1206i or Higher</p> <p>1. Frequency Coverage & RF Architecture</p> <p>1.1 Broadband RF Detection Channel</p> <ul style="list-style-type: none"> • Continuous coverage from 50 MHz to 6,000 MHz (6 GHz) minimum. • Preference for extended coverage up to 8–12 GHz. • No coverage gaps within specified range. • Detection of uplink and downlink cellular bands used globally. <p>1.2 Dedicated High-Frequency Channel</p> <ul style="list-style-type: none"> • Independent detection channel optimized for 2.4 GHz ISM band and 5 GHz Wi-Fi band. • Enhanced sensitivity for Bluetooth Classic, BLE, and Wi-Fi beacon transmissions. • Capable of detecting burst transmissions (<100 ms typical BLE events). <p>1.3 Antenna System</p> <ul style="list-style-type: none"> • Dual-antenna architecture for simultaneous broadband and 2.4/5 GHz monitoring. • Detachable antenna(s) via SMA or equivalent RF connector. • Must support external log-periodic directional antenna (700 MHz–6 GHz minimum). • Manufacturer-certified antenna compatibility 	1





				عدد	2. Signal Detection Capabilities		1
					2.1 Cellular RF Detection	<ul style="list-style-type: none"> • +B23:E32 Detection of RF energy in GSM (2G), UMTS (3G), LTE (4G), and 5G NR (Sub-6 GHz) bands. 	
						<ul style="list-style-type: none"> • Detection refers to RF presence, not protocol decoding. 	
					2.2 Short-Range Wireless Detection	<ul style="list-style-type: none"> • High-sensitivity detection of Bluetooth Classic & BLE (2.4 GHz). 	
						<ul style="list-style-type: none"> • Detection of Wi-Fi 2.4 GHz (802.11 b/g/n) and 5 GHz (802.11 a/ac/ax). 	
						<ul style="list-style-type: none"> • Reliable capture of short-duration burst transmissions. 	
					2.3 Modulation Indication	<ul style="list-style-type: none"> • Ability to distinguish between continuous analog RF signals and pulsed/digital transmissions. 	
						<ul style="list-style-type: none"> • Indication via display, LED pattern, or audio signature differentiation. 	
					3. Sensitivity & RF Performance		
					3.1 Sensitivity	<ul style="list-style-type: none"> • Minimum sensitivity of -65 dBm or better in 2.4 GHz band. 	
						<ul style="list-style-type: none"> • Detect active Bluetooth transmission at 0.5 m to 2 m under standard indoor conditions. 	
					3.2 Dynamic Range	<ul style="list-style-type: none"> • Minimum 60 dB dynamic range for effective scanning and pinpointing. 	
					3.3 Response Time	<ul style="list-style-type: none"> • Detection response time ≤ 1 second. 	
						<ul style="list-style-type: none"> • Capable of capturing intermittent and burst transmissions. 	
					3.4 Attenuation / Gain Control	<ul style="list-style-type: none"> • Manual and/or automatic sensitivity adjustment. 	
<ul style="list-style-type: none"> • Multi-step attenuation for background suppression and close-proximity localization. 							
3.5 False Alarm Resistance	<ul style="list-style-type: none"> • Filtering to reduce nuisance alerts from FM broadcast, public safety radios, and distant Wi-Fi routers. 						
	<ul style="list-style-type: none"> • Stable operation in dense RF environments. 						





				عدد	<table border="1"> <tr> <th colspan="2" data-bbox="794 192 1426 241">4. Operational Features</th> </tr> <tr> <td data-bbox="794 241 1010 595" rowspan="3">4.1 Alert Modes</td> <td data-bbox="1010 241 1426 383"> <ul style="list-style-type: none"> • Visual: Minimum 10-segment LED bar graph or LCD/OLED signal strength indicator. </td> </tr> <tr> <td data-bbox="1010 383 1426 517"> <ul style="list-style-type: none"> • Silent: Vibration alert mode for discreet operation. </td> </tr> <tr> <td data-bbox="1010 517 1426 595"> <ul style="list-style-type: none"> • Audible: Configurable beep/audio tone mode. </td> </tr> <tr> <td data-bbox="794 595 1010 824" rowspan="2">4.2 Demodulation / Acoustic Correlation</td> <td data-bbox="1010 595 1426 703"> <ul style="list-style-type: none"> • Built-in demodulation or acoustic loop-back feature. </td> </tr> <tr> <td data-bbox="1010 703 1426 824"> <ul style="list-style-type: none"> • Enables differentiation of signal patterns for operator analysis. </td> </tr> <tr> <td data-bbox="794 824 1010 1010" rowspan="2">4.3 Directional Pinpointing</td> <td data-bbox="1010 824 1426 909"> <ul style="list-style-type: none"> • Compatible with external directional antenna. </td> </tr> <tr> <td data-bbox="1010 909 1426 1010"> <ul style="list-style-type: none"> • Attenuation mode allows precise source localization within 1-2 meters. </td> </tr> <tr> <td data-bbox="794 1010 1010 1424" rowspan="5">5. Physical & Environmental Requirements</td> <td data-bbox="1010 1010 1426 1066"> <ul style="list-style-type: none"> • Handheld portable device. </td> </tr> <tr> <td data-bbox="1010 1066 1426 1144"> <ul style="list-style-type: none"> • Rugged metallic or high-impact polymer enclosure. </td> </tr> <tr> <td data-bbox="1010 1144 1426 1252"> <ul style="list-style-type: none"> • Minimum 1-meter drop resistance. </td> </tr> <tr> <td data-bbox="1010 1252 1426 1346"> <ul style="list-style-type: none"> • Operating temperature range: 0°C to 40°C minimum. </td> </tr> <tr> <td data-bbox="1010 1346 1426 1424"> <ul style="list-style-type: none"> • Lightweight and single-hand operable. </td> </tr> <tr> <td data-bbox="794 1424 1010 1765" rowspan="4">6. Power System</td> <td data-bbox="1010 1424 1426 1554"> <ul style="list-style-type: none"> • Replaceable batteries (e.g., 2× AAA) or internal rechargeable lithium battery (minimum 2000 mAh recommended). </td> </tr> <tr> <td data-bbox="1010 1554 1426 1632"> <ul style="list-style-type: none"> • Minimum 10 hours continuous active monitoring. </td> </tr> <tr> <td data-bbox="1010 1632 1426 1688"> <ul style="list-style-type: none"> • Battery level indicator required. </td> </tr> <tr> <td data-bbox="1010 1688 1426 1765"> <ul style="list-style-type: none"> • USB or manufacturer-approved charging with protection circuitry. </td> </tr> <tr> <td data-bbox="794 1765 1010 2161" rowspan="6">Optional 7 (Preferred)</td> <td data-bbox="1010 1765 1426 1821"> <ul style="list-style-type: none"> • OLED display with band indication. </td> </tr> <tr> <td data-bbox="1010 1821 1426 1877"> <ul style="list-style-type: none"> • Event logging with timestamp. </td> </tr> <tr> <td data-bbox="1010 1877 1426 1933"> <ul style="list-style-type: none"> • USB data export. </td> </tr> <tr> <td data-bbox="1010 1933 1426 1989"> <ul style="list-style-type: none"> • Calibration certificate. </td> </tr> <tr> <td data-bbox="1010 1989 1426 2067"> <ul style="list-style-type: none"> • Carry case and directional antenna included. </td> </tr> <tr> <td data-bbox="1010 2067 1426 2161"> <ul style="list-style-type: none"> • Extendable frequency coverage beyond 6 GHz. PPD-P04-R01 3 4/8/2018 </td> </tr> </table>	4. Operational Features		4.1 Alert Modes	<ul style="list-style-type: none"> • Visual: Minimum 10-segment LED bar graph or LCD/OLED signal strength indicator. 	<ul style="list-style-type: none"> • Silent: Vibration alert mode for discreet operation. 	<ul style="list-style-type: none"> • Audible: Configurable beep/audio tone mode. 	4.2 Demodulation / Acoustic Correlation	<ul style="list-style-type: none"> • Built-in demodulation or acoustic loop-back feature. 	<ul style="list-style-type: none"> • Enables differentiation of signal patterns for operator analysis. 	4.3 Directional Pinpointing	<ul style="list-style-type: none"> • Compatible with external directional antenna. 	<ul style="list-style-type: none"> • Attenuation mode allows precise source localization within 1-2 meters. 	5. 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دولار		المجموع الكلي	
ختم وتوقيع المورد:		تعليمات الاستدراج	
	الثلاثاء	آخر موعد لتسليم العروض هو يوم:	**
	10/03/2026	الموافق:	**
	Professional RF & Digital Signal Detector	طبيعة البنود المطلوبة:	**
	دولار	بعملة:	**
	الحرم الرئيسي - جنين	الأسعار تشمل التوصيل ل:	**
	توريد كامل	نوع التوريد:	**
	بالظرف المغلق	يرجى إرسال العرض ب:	**
شروط الاستدراج:			
** ضرورة تحديد مدة الكفالة إن وجدت.			
** ضرورة تحديد مدة التوريد من تاريخ استلام امر الشراء، وفي حال عدم الالتزام يتم فرض غرامة تأخير .			
** ختم وتوقيع المورد المعتمد على هذا النموذج، وكتابة رقم الاستدراج واسم الشركة كما هو مسجل لدى الضريبة على الظرف.			
** للمراجعة والاستفسار بخصوص المواصفات يرجى الاتصال على هاتف 042418888 رقم داخلي 1481			
** للمراجعة والاستفسار بخصوص المواصفات عن طريق فاكس 042510972 أو بريد الكتروني manal.daraghmah@aaup.edu			
** لمشاهدة العطاءات والاستدراجات، يرجى الدخول الى الرابط http://www.aaup.edu/tenders			

مدير دائرة اللوازم و المشتريات

د. حسن ربايعه

