

Magnetic Universal Adaptor

Flat and Angled Magnetic Adaptors for SmartSled (MUA)



Fast, Tool-Free SmartSled Attachment

The Magnetic Universal Adaptor (MUA) adds KDC SmartSled barcode scanning and RFID to compatible smartphones through fast, magnetic attachment, no Custom Case or permanent modification required. Quick to install and remove, it's ideal for shared devices and flexible use.



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Tool-Free, Magnetic Installation

The MUA attaches magnetically to compatible phone cases or directly to supported smartphones, eliminating the need to drill or screw into a case for semi-permanent attachment, as is required with the KDC480/485. It also eliminates the need for a KOAMTAC custom case, allowing users to quickly attach or remove KDC1000, KDC1100, or KDC1200 SmartSled scanners for fast deployment and reduced downtime across teams.

Optimized Form Factors for Any Configuration

Available in two form factors, the MUA adapts to different use cases. The Flat MUA (FMAU) mounts directly to the back of the phone and is ideal for handheld SmartSled use. The Angled MUA (AMUA) provides improved balance and ergonomics when using a 1.0W UHF Reader Companion or Pistol Grip. Both designs maintain a clear view of the phone's built-in camera, enabling seamless software-based barcode scanning.

Fast Pairing and Fleet-Ready Charging

Setup is quick and intuitive with multiple pairing options. A BLE pairing barcode printed directly on the adaptor enables instant SmartSled connection, while NFC pairing allows tap-to-connect convenience. For charging and device management, the MUA works with KOAMTAC 1-slot and 5-slot KDC1000/1100/1200 charging cradles, allowing devices to be docked and charged without removing the adaptor.



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