Product profile

FlexDock

Modular Docking System

Intermec's FlexDock Docking System brings a whole new ease to mobile computing docking and charging. Bases provide multiple options for data communications and/or charging and a common interface between cups and bays allows flexibility within a single dock base. You can tailor the dock to meet specific needs: supporting a single type of mobile computer or battery, a mix of mobile computer types, or even a combination of mobile computers and battery packs, all within the same dock.

- **Modular and extensible design – Field replaceable cups allow for field configuration or reconfiguration of the Flex Dock base to match changing needs**
- **Future proofing design delivers docking system infrastructure investment protection – Computer technology refreshes only require exchange of computer and battery cups, existing docking system infrastructures can be reused with new computer generations**
- **Designed for large scale deployments – Small footprint allows for high density docking solutions leveraging standard 19" IT racking solutions**
- **100Base-T Ethernet daisy chaining capability – Reduces installation costs while simplifying Ethernet infrastructures**

Docking Made Simple

The Intermec FlexDock is a uniquely scalable, modular docking system for Intermec products giving users the flexibility to design the docking system that best suits your needs today, as well as in the future.

The Dual or Quad Base supports optional 100Base-T Ethernet connectivity, enabling high-speed data communications over your network infrastructure. "Daisy chaining" capability allows up to 10 Bases (and up to 40 mobile computers) to share a single host network port, significantly reducing cabling requirements.

The Quad Base, designed for large scale deployments, can be configured to hold either a maximum of 4 mobile computers or 4 battery charging stations allowing for charging up to 8 battery packs simultaneously.

The Desktop Base, designed for use in home or small office environments, accommodates one mobile computer and one auxiliary battery charger (supporting up to two battery packs) and provides USB Host and USB Client data connectivity. You may choose to connect the mobile computer to a host PC via Microsoft ActiveSync or use optional adapter modules that plug directly into the Desktop Base to provide 100Base-T Ethernet or Analog Modem communications. In addition, the USB Host port may be used to connect supported peripherals such as an external keyboard to facilitate data input.

No longer do you need to comply with rigid docking requirements or the purchase of different peripherals to perform different tasks. As needs change, FlexDock can be easily modified in its cup configuration to accommodate new requirements

Space and Installation Cost Savings

In addition to its ground-breaking modular design, FlexDock also improves utilization of valuable backroom storage space. An available Rack Mounting System allows FlexDock bases to be mounted in standard 19-inch IT Equipment Racks, enabling convenient vertical stacking of docks within a significantly smaller footprint. Racks may be mounted horizontal or angled 15 degrees up or down to improve visibility and accessibility of mobile computers while docked. A power supply and cable management shelf provides a convenient means of keeping cables under control and out of the way.

Future-Proof Design

When it's time to upgrade mobile computers, FlexDock provides an extremely cost-effective means of preserving the customer's infrastructure investment. Cups for the new mobile computers and battery packs can easily be snapped into existing bases. No more "rip and replace" or costly installation and rewiring necessary – just snap and go.

The FlexDock design is also forward-looking. As new Intermec mobile computers, printers, handheld scanners, and other devices are introduced, FlexDock cups will also be developed, providing customers with even more convenience in storing, charging, and communicating to their mobile devices.

Physical Characteristics
Dimensions (L x W x H) & Weight
(Base heights vary slightly based on type of cup used)
Desktop Base: 23.1 x 12.7 x 4 cm (9.10 x 5.0 x 1.58 in); 541.5g (19.1 oz)
Dual Base: 23.1 x 12.7 x 4 cm (9.10 x 5.0 x 1.58 in); 553 g (18.8 oz) or 654.9 g (23.1 oz) with Ethernet
Quad Base: 44.45 x 12.7 x 4 cm (17.5 x 5.0 x 1.58 in);
Weight: 1,156.7 g (40.8 oz) or 1,275.7 g (45 oz) with Ethernet
A base with cups installed will range from 6.4 cm to 11.4 cm height (2.5 to 4.5 in)
Power Supply (Dual/Desktop Base): 13 x 7.6 x 3.3 cm (5.1 x 3.0 x 1.3 in); 272.2 g (9.6 oz)
Power Supply (Quad Base): 18 x 5.8 x 3.9 cm (7.09 x 2.27 x 1.52in) 688.9 g (24.3 oz)
Computer cups and battery cups are 10.6 cm long x 12.5 cm wide (4.18 in x 4.94 in) and have a total height from 4.8 cm to 10.2 cm (1.9 to 4.0 in); Weight ranges from 90.7 g to 124.8 g (3.2 to 4.4 oz)

Cups
Mobile Computer: accommodate one mobile computer; provide charging and data communication connectivity; front-mounted Ethernet connectivity indicator (used where applicable)
Battery Pack: accommodate up to two battery packs; provides charging; front-mounted Charge Status indicator for each pack.

Data Communications
Quad & Dual Base: Optional Ethernet 100Base-T Switch; RJ45 Uplink and Downlink ports
Desktop Base: USB 2.0 Full Speed, Standard USB-A Host port, Micro USB-B Client port
Desktop Base accepts optional Ethernet 100Base-T or 56 Kbps Analog Modem modules via USB Host port

Contact your Intermec PartnerNet Reseller or Sales Representative for full information on available configurations.

Battery Charging Time
Typically less than 4 hours; maximum 6 hours for fully discharged packs

Mounting Options
Rack Mounting Kit: Shelf for mounting one Quad Base with Power Supply Shelf underneath. Options for mounting horizontal; adapters for 15 degree upward or downward angle mounting.

Regulatory Approvals and Compliance
Safety: cULus Listed (pending), DEMKO (pending)
EMC: Class B - FCC/ICES/EN (Desktop Base; Dual Base and Quad Base Charge-only configurations)
Class A - FCC/IC/EN (Dual Base and Quad Base Ethernet configurations)
Environmental: EU Directives-WEEE, RoHS, Packaging & Waste Packaging

Dual Dock with two CK70s

Dual Dock configured as 4-position External Battery Charger

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