



MioWORKTM F700



Versatile computing for Fleet management, Retail & Warehousing

The MioWORK F700 is a highly versatile tablet featuring a 7" capacitive multi-touch panel with glove sensitivity. Running on Android 6.0, its lightweight yet ruggedized IP54 casing features a 1.2m drop- and 20G shock resistance, meaning it is ready for use in demanding everyday environments.

Featuring a Dual-satellite system using GPS and GLONASS simultaneously, locational precision is assured, while the in-built NFC & HF RFID capability helps you keep track of your assets.

The device comes with an easy-release active cradle compatible with standard RAM mounting solutions for vehicle and forklift use, and can be directly connected with existing Telematics boxes. Doing so completes all necessary requirements for your ideal fleet tracking platform.



▶ **Efficient Data capture**

NFC, HF RFID and 8MP rear-camera with LED flash



▶ **Dedicated active cradle**

- Quick release button for out-of-vehicle use
- Charge and sync data from most black-boxes
- Standard RAM-mount compatible for various scenarios



▶ **Locational precision**

Dual-satellite system running GPS + GLONASS simultaneously



▶ **All-round affordable ruggedness**

IP54, 1.2m drop- & 20G shock resistant 7" tablet for multiple user scenarios



Specifications

F700

Display	7" 1024x600 IPS (630nits, 85° view angle)
Touch Panel	Capacitive multi-touch with optical bonding, glove support & water resistant
Platform	Qualcomm APQ8009 Quad core 1.3GHz
OS	Android™ 6.0
Memory	2GB RAM / 16GB ROM
Expansion	MicroSD up to 128GB (FAT32)
Wireless Interface	WiFi 802.11b/g/n (2.4GHz) with WPA and WPA2 security Bluetooth 4.1 BLE GPS (including AGPS) + GLONASS, can run simultaneously
NFC	RFID (HF): ISO14443A&B, ISO15693 NFC: MiFare and Felica Sensor area on top front of device
Sensors	Accelerometer (G sensor) - auto rotation Ambient light sensor Thermal sensor Vibrator
Camera	Rear: 8M, AF w/ flash LED, front: 2MP
Physical Interface	MicroSD slot MicroUSB (support OTG) 18 pogo pins connector (charging, cradle power & data transmission) Built-in mic x2, supports noise cancellation Built-in speaker x1 (2W, 40Ø)
Cradle – physical interface	6-pin Fleet port (Tx/Rx), 18-pin Pogo connector, USB2.0 Type A (host), Micro-B USB (charging only), headset jack 3.5mm (following CTIA /AHJ Standard)
Buttons	Front: power, programmable buttons x2 (default: volume +/-) Soft buttons: on screen Android navigation keys (menu, home, return)
Battery	4000mAh Li-ion Polymer Battery life 10 hours + depending on use (charging status on screen)
Environment	IP54 and 1.2m drop resistant (following MIL-STD-810G) Vibration & shock resistance: SAEJ1455 standard, up to 20G peaks. -20 ~+ 60° operating temperature -30 ~ +70° storage temperature Humidity : 0 ~ 95%, Non-Condense Altitude: operating: 0-15,000ft; non-operating: 0-40,000ft
Standard Accessory	Active vehicle cradle AC charger with UK and EU plug Micro-B USB cable
Certification	CE/CB, FCC/IC, BQB, E-mark, ROHS, WEEE
Warranty	12 months (extended warranty available)
Weight	466g
Dimensions	132x210.8x17/20.55mm

Available accessories: Active Cradle; Fleet Cable; Car Charger; Car Suction Mount; AC Mains charger; USB Cable.

Only available on demand: Hand Strap; Cable Fastening Clips; Tamper-proof screws.



ACCESSORIES GUIDE

Active Vehicle Cradle

► RELEASE BUTTON

Connect and detach tablet with ease.

► POGO PINS FOR CHARGING AND SYNCING

Reliable & Increased durability

► MAGNETS

Aligning tablet to cradle for easy docking

► USB 2.0 (HOST)

Ethernet compatible
Can insert flash drives

► SCREW HOLES

AMPS RAM
mount compatible

► 3.5MM JACK

Support audio
out/mic

► FLEET PORT

Black box connectivity & charging

► MICRO-B USB FOR CHARGING

Charging via 12/24V car charger

Specifications

Physical Interface	Fleet port: 6-pin connector (Tx/Rx, IGN). Input 12/24V, Output: 5V.		
	18-pin Pogo connector (charging/data)	headset jack, support audio out and mic in (CTIA / AHJ standard)	
	USB 2.0 Type A (x1), host mode (5V/1A output)	Micro-B USB (charging only)	
Power	Option 1: Fleet port: 12/24V car power system (9~32V wide DC input, ISO-7637-2 compliant)		
	Option 2: Vehicle car charger (5V/2A) input via micro-B USB		
Ignition	IGN=H (>2.2V),5V ON	IGN=L (<0.3V), 5V OFF	
Power Interface	Cradle powered by tablet. Works without 12/24V input		
	Voltage input (fleet port) : 12/24V car power system (9~32V wide DC input, ISO-7637-2 compliant)		
	Car charger (5V/2A) input via micro-USB		
Mechanical Design	Magnets for easy alignment of tablet and cradle.		RAM mount compatible (AMPS holes)
	Two screw holes to attach cradle to tablet (requires tool to unfix)		
Environment Conditions	-.20°C to +60°C operating	-.30°C to +70°C storage	Humidity : 0~95%, Non-Condensing
Certifications	FCC, IC, CE, and UN Reg. 10 (E mark), ROHS, WEEE		
Weight	105g		



ACCESSORIES GUIDE

Accessories for F700 Series

ADDITIONAL VEHICLE ACCESSORIES



► FLEET CABLE

Sync data from the vehicle black box and charge your device without the need of a separate car charger.

• Sold separately



► CAR CHARGER + MICRO-B USB

12/24V car charger for in-vehicle use with detachable Micro-B USB cable.

• Sold separately



► FASTENING CLIPS

Fastening clips to tidy up cabling to and from the vehicle cradle.

• Available to purchase on demand only



► SUCTION MOUNT

Composite mount with large gel-pad suction cup for extra secure fit.

• Sold separately