

**Work Faster, Smarter, Better  
with Rugged Enterprise Computing**



# MioWORK™ F840

## ELEVATE FLEET INTELLIGENCE WITH ADVANCED TABLET SOLUTIONS

Empower frontline workers with the MioWORK™ F840 - an enterprise-grade Android™ tablet designed to thrive in demanding conditions. Powered by a Qualcomm Octa-core processor harnessing a 3rd generation Qualcomm AI Engine, the F840 delivers a powerful blend of robust computing and energy efficiency. The large 8" touchscreen features an anti-glare coating, is rain resistant and supports glove touch, guaranteeing uninterrupted performance in and out of the vehicle. Designed to meet SAE-J1455 standards for heavy duty vehicles, the F840 offers versatile in-vehicle cradle options for advanced video telematics expansion and incorporates unique battery management technology. This makes the F840 the obvious choice for seamless integration into worksites across fleet management, field service, and logistics, showcasing optimal performance and durability. In an era emphasizing AI-driven solutions, the MioWORK™ F840 stands out as a tech-forward asset in modern enterprises.



### Reliable, ready to roll

- Android 13.0, Google Mobile Services (GMS) certified
- 8-core Qualcomm processor, on-device AI intelligence
- Built-in 4G LTE, Wi-Fi, NFC, Bluetooth, GNSS



### Doubled down on power management

- Removable but secured serviceable battery for easy maintenance
- Smart power mode providing power directly to the tablet, maximizes battery lifespan
- Monitor battery health in real-time with MiDM cloud platform<sup>1</sup>



### All new multi-channel video telematics cradle

- Multi-channel video cradle supports four-channel TVI camera inputs, enabling an advanced solution for video telematics
- Steadfast durability, withstanding thousands of docking and undocking test cycles
- F840 is backwards compatible with previous-gen cradle accessories



### Engineered for tough environments

- IP54 ingress resistance - 1.2m (up to 1.8m) drop-proof following MIL-STD-810G
- Shock resistant up to 20G peaks following industrial automotive SAE-J1455 standard
- -20° to +60°C operating temperature



<sup>1</sup> Our in-house Mobile Device Management platform. Subscription required.





# MioWORK™ F840



## ACTIVE IN-VEHICLE CRADLE



▶ **RELEASE BUTTON**  
Key lock mechanism optional\*

▶ **POGO PINS (CHARGE, SYNC)**  
Reliable & Increased durability

▶ **DOCKING ALIGNMENT MAGNETS**

▶ **USB TYPE A 2.0 (HOST)**  
Ethernet compatible  
Can insert flash drives

▶ **MOUNTING SCREW HOLES**  
AMPS RAM mount compatible

▶ **EXTERNAL GPS JACK\***  
Enhance positioning accuracy

▶ **TABLET SCREW HOLES**  
Secure tablet to cradle  
(tablet non-removable)

▶ **MICRO USB (HOST/CHARGING)**  
Charge via 12/24V vehicle adapter  
**GPS cradle:** no charging, host mode only

▶ **3.5MM JACK**  
Supports audio out / mic in

▶ **VIDEO-IN\***  
Connect to back-up/reverse camera

▶ **FLEET PORT**  
Black box connectivity & charging (6-pin Molex)

\* Optional depending on cradle SKU

Specifications	Standard Cradle	Video Cradle	GPS Cradle	Lockable Cradle
Part Number	5413N5640001	5413N6350002	5413N6350003	5413N6350004
USB 2.0	USB Type A (host) x1 Micro USB (charging) x1	USB Type A (host) x1 Micro USB (charging) x1	USB Type A (host) x1 Micro USB (host) x1	USB Type A (host) x1 Micro USB (charging) x1
I/O Ports	6-pin fleet port (Tx/Rx, 12/24V, IGN), support RS232C			
Audio	3.5mm headset jack x1			
Video-in	no	yes	yes	yes
GNSS + external GPS Antenna jack	no	no	U-blox NEO-M8L (3x GNSS concurrently)	no
Lock Function	no	no	no	yes
Power Interface	<b>Option 1:</b> Fleet port: 12/24V vehicle power system (9~32V wide DC input, ISO-7637-2 compliant)			
	<b>Option 2:</b> Car charger (5V/2A) input via Micro USB	<b>Option 2:</b> Car charger (5V/2A) input via Micro USB	no	<b>Option 2:</b> Car charger (5V/2A) input via Micro USB
Environment	<b>Temperature:</b> -20° to +60°C (-4° to +140°F) operating <sup>1</sup>   -30° to +70°C (-22° to +158°F) storage			
	<b>Humidity:</b> 0 ~ 95%, non-condensing			
Certification	FCC, IC, CE, E-mark, ROHS, WEEE			
Weight	105g (3.7oz)			150g (5.3oz)
Dimensions	117.4x107x38.7mm (4.62x4.21x1.52")			117.4x107x56mm (4.62x4.21x2.2")

<sup>1</sup> -20°C (-4°F) with AC input; -10°C (14°F) standalone



# MioWORK™ F840

## MULTI-CHANNEL VIDEO CRADLE FOR VIDEO TELEMATICS

Sold separately - PN: TBD



Specifications	
Platform	SigmaStar SAV837 SoC, Dual core, up to 1.2GHz
Memory	2GB RAM / 1GB internal storage
Camera	TVI x4 (supports 4 channels; 720p camera; 1 megapixel) Video footage is stored in the microSD card of the cradle by default <b>Standalone mode:</b> continues recording even without a tablet when vehicle power is enabled
Wireless Interface	IEEE 802.11 b/g/n (2.4GHz)
Physical Interface	MicroSD slot (up to 256GB capacity) Camera-in connector x1 (supports 4-channel TVI via the adapter cable, 4-pin lockable ports) <b>USB x2:</b> Type A 2.0 (host, 5V/1A, supports smart CAN cable); Micro USB 2.0 (for maintenance use 5V/1A) 6-pin fleet port (Tx/Rx, 12/24V, IGN), support RS232C Built-in mic x1 3.5mm headset jack x1 3.5mm video-in jack x1 (optional, supports reverse camera, no recording) 24-pin pogo pin connector (tablet charging & data transmission)
Buttons	Reset button x1
Power Input	<b>Fleet port:</b> 12/24V vehicle power system (9~32V wide DC input, ISO-7637-2 compliant) 40W power consumption
LED Indicator	<b>Power LED indicator:</b> Red/Green; <b>Status LED indicator:</b> Red/Green/Blue
Mechanical Design	AMPS mount compatible
Environment	<b>Vibration &amp; Shock resistance:</b> SAE J1455 standard, up to 20G peaks <b>Temperature:</b> operating: -20° to +60°C (-4° to +140°F); storage: -30° to +70°C (-22° to +158°F) <b>Humidity:</b> 0 ~ 95%, non-condensing
Certification	CE/CB, FCC/IC, RCM, E-mark, ROHS, WEEE
Weight / Dimensions	220g (7.8oz) / 116.9x113.7x46.4mm (4.60x4.48x1.83")
Box contents	Vehicle cradle, TVI adapter cable, Screw kit










# MioWORK™ F840

## ACCESSORIES - VIDEO TELEMATICS

<p><b>DRIVER MONITORING</b></p> <p><b>Sold separately</b> TBD</p>  <p>► <b>DMS CAMERA</b></p> <p>In-cabin view camera features 720p resolution with IR LED night vision.</p>	<p><b>BLIND SPOT</b></p> <p><b>Sold separately</b> TBD</p>  <p>► <b>EXTERIOR TVI CAMERA</b></p> <p>Side/rear view camera features 720p resolution with IR LED night vision, IP69K waterproof.</p>	<p><b>ROAD VIEW</b></p> <p><b>Sold separately</b> TBD</p>  <p>► <b>INTERIOR TVI CAMERA</b></p> <p>Road view camera features 720p resolution, with IR LED night vision.</p>
<p><b>Coming Soon</b></p> <p><b>Included with multi-channel video cradle</b></p> <p>► <b>TVI ADAPTER CABLE</b></p> <p>Supports 4-channel TVI 4-pin lockable ports, cable length: 60cm.</p>	<p><b>Sold separately</b> TBD</p> <p><b>Coming Soon</b></p> <p>► <b>EXTENSION CABLE</b></p> <p>TVI extension cable, male to female connector, cable length: 6-8m.</p>	

## ACCESSORIES - TABLET

<p><b>Sold separately</b> PN: TBD</p>  <p>► <b>PROTECTIVE CAPS</b></p> <p>Two-part shell fitted with tough rubber corners seamlessly integrate into tablet design. Enhance drop-resistance by 1.2m/4ft to 1.8m/6ft. Compatible with In-Vehicle Cradle and Hand Strap.</p>	<p><b>Sold separately</b> PN: TBD</p>  <p>► <b>HAND STRAP</b></p> <p>Flexible elasticised Hand Strap for effortless balancing of tablet in one hand. Compatible with In-Vehicle Cradle and Protective Caps.</p>			
<p><b>Sold separately</b> PN: 5416N5640003</p>  <p><b>FLEET CABLE</b></p> <p>Sync data from/to telematics box and power device simultaneously.</p>	<p><b>Available to purchase on demand only</b> PN: 5413N5640002</p>  <p><b>CAR CHARGER + MICRO USB</b></p> <p>5V/2A CLA vehicle charger with micro USB cable.</p>	<p><b>Sold separately</b> TBD</p>  <p><b>GPS ANTENNA</b></p> <p>Enhance positioning accuracy using the GPS cradle and external GPS antenna.<sup>1</sup></p>	<p><b>Available to purchase on demand only</b> PN: 5416N5640004</p>  <p><b>FASTENING CLIPS</b></p> <p>Tidy up vehicle installations with cable management clips.<sup>2</sup></p>	<p><b>Sold separately</b> PN: 5412N5640001</p>  <p><b>SUCTION MOUNT</b></p> <p>Composite mount with large gel-pad suction cup for extra secure fit.</p>

<sup>1</sup> External GPS Antenna supported on GPS cradle only

<sup>2</sup> Compatible with standard, video, GPS and lockable cradle. Not applicable to Multi-Channel Video Cradle