MiX Rovi IV
Product Fact Sheet

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Overview

MiX Rovi IV is the next generation rugged and reliable 7" Android tablet designed to operate in harsh commercial automotive environments and works in conjunction with MiX Telematics Fleet Management products. With an integrated LTE Cat 4 (2G/3G fall-back) modem and GPS receiver, the unit will ensure reliable communication and accurate positioning. With 1.5m drop resistance and military spec vibration and shock standards, this durable device will handle the harsh conditions in industries like mining, oil & gas and agriculture. From the office, send Messages and Jobs to the driver to which he can respond and navigate to using these built-in function. Standard event violations are displayed on the screen and input menus can be customized to suit business requirements. Hours of Service allows the driver to effortlessly make status changes, view available hours, log inspections, view HOS logs and edit log data.

MiX Rovi IV consists of the following components:

- MiX Rovi IV 7" Display Kit

- MiX 4000 or MiX 6000 LTE (not legacy MiX 6000)

- MiX Fleet Manager Connection

- Sygic Navigation License

Features	
Navigation	Sygic 3D Navigation with Wi-Fi updateable maps
Performance based driver feedback	Audible alerts and on screen notifications of driver errors e.g. over-speeding, harsh braking
Fuel data capture	Drivers can capture fuel cost and volume.
Customisable data inputs	Data inputs can be customised according to individual requirements specific to the operational environment of the Fleet Manager.
Jobs	Receive, respond and navigate to jobs
Messaging	Receive and respond to text messages using predefined responses or free text.
Hours of Service	Drivers can make status changes, view available hours, log inspections, view and edit HOS log data.
Multiple Mounting options	The Rovi IV can be fixed mounted or mounted on cradle mount for removable applications. Optional security lock is also available to lock display in the cradle. RAM and VESA mount compatible.
Connected	Built-in LTE modem for data connectivity (requires a SIM card in the device). SIM and SD-Card compartment lockable to avoid tampering.
Rugged	With 1.5m (59") drop resistance, IP66 dust and water rating. Anti-Vibration and Shock standard to US Military MIL-STD-810G rated.

Part Number List

Part Number	Product Description
P0016MT	MiX Rovi IV 7" Display Kit (US)
P0023MT	MiX Rovi IV 7" Display Kit (EU)
P0024MT	MiX Rovi IV 7" Display Kit (AU)

Technical Specifications: Display

Platform Core	
Operating System	Android 7.1.2
Processor	Qualcomm Quad core, 4 x ARM Cortex-A7, 1.1GHz
RAM	2GB
ROM	16GB eMMC (support 64GB TC Card)
User Interface	
Display	7" HD (1280 x 800)
Display Brightness	800 Nits (cd/m^2)
Touch Screen	Capacitive (10 Point Multi touch)
View Angle	178°/178° (H/V)
Sound	1 x Microphone ; 1 x Speaker (2W, 85db)

Wireless Communication (with Integrated, Onboard internal antennas)			
Cellular	**America, LATAM**	**Australia, Brazil, Taiwan**	**EMEA, Korea, Thailand, India**
Modem	SC20-A	SC20-AU	SC20-E
LTE	B2/ B4/ B5/ B7/ B12/ B13/ B25/ B26	B1/ B3/ B5/ B7/ B8/ B28/ B40	B1/ B3/ B5/ B7/ B8/ B20/ B38/ B40/ B41
3G (WCDMA)	B1/ B2/ B4/ B5/ B8	B1/ B2/ B5/ B8	B1/ B5/ B8
GSM/EDGE	850/1900MHz	Quad-Band	Quad-Band

GPS	GPS/GLONASS
Wireless LAN	2.4GHz/5GHz, 802.11a/b/g/n (WPA2-Enterprise)
Bluetooth	BT4.2 LE
Other	
Camera	2.0MP / 8.0MP (Front/Rear) Rear with LED light
Internal Battery	3.7V 5000mAh Li-ion (replaceable). Typical 5hr Standby time
RTC Coin-cell Battery	3V Lithium 5.5mAh (6.8mm)
Docking Connector	24Pin Pogo Connector
USB	Type-C (USB2.0 with OTG support)
SIM Card	Micro SIM slot (3FF)
Physical Specifications	
Dimension (L x W x H)	207 x 137 x 30mm [8.1" x 5.4" x 1.2"]
Weight	785g [27.6oz]
Mounting	Docking Station / Fixed Mount
Environmental Specifications	
Temperature: Operational	-20°C ~ +65°C [-4°F ~ +149°F]
Temperature: Charging	0°C ~ +55°C [0°F ~ +131°F]
Temperature: Storage	-20°C ~ +70°C [-4°F ~ +158°F]
Input Power	8 – 36 V DC (ISO 7637-2 compliant)
Power Consumption	5W (normal mode)
IP Rating	IP 66
Vibration and Shock	MIL-STD-810G
Drop	1.5M [59"]
Certifications	
Standard Compliance	CE, FCC, PTCRB(Level B)

Technical Specifications: Docking Station

Environmental Specifications	
Input Power	8 – 36 V DC (ISO 7637-2 compliant)
Temperature: Operational	-20°C ~ +65°C [-4°F ~ +149°F]
Temperature: Storage	-20°C ~ +70°C [-4°F ~ +158°F]
Humidity	0 ~ 95%
Weight	550g [19.4oz]
Device Mounting	RAM Mount 1.912" AMPS holes / VESA Mount 75mm