



Data sheet

MOBIX NANO II Series – 320/350 servers



MOBIX NANO II SERVER

Ultra-Compact fanless video server with build-in POE ports
Ideal for In-vehicle CCTV or as a compact ruggedized server for ATM's and hazardous environments.
MOBIX NANO is the ideal video server for Fibrenetix Smart Vehicle Management Solution (SVMS).

Small form factor – when space is at a premium

Mobix Nano II is a ruggedized video server in an Ultra-compact form factor making it ideal for environments where normal servers can not operate. With a wide temperature range from -25°C to 70°C, Mobix Nano II are the ideal server in most hazardous environments. Either as a mobile device in vehicles or as a powerful video and access control server for ATM's (cash point machines). Low voltage DC input offers support for Solar Power or in-vehicle power.

Like MOBIX, the Mobix Nano II has no moving parts and are completely fanless – Mobix Nano II has high tolerances to vibration and shock. The Dual-core processor offers support for up to 24 Cameras recording in HD resolution. The build in mSATA storage disks has enough capacity of up to 30 days recording. Making this little powerhouse one of the best in its class.

Tracking and Video Surveillance Solution for:



Public Transportation, Law Enforcement and Public Safety,
Cash-in-Transit, Rental Cars and Driving Institutes,
Heavy Equipment, Hazardous Goods, banking/ATM's...

- Ultra-compact video server for mobile and stationary environments
- 100% noise free – easy to conceal
- Low maintenance – easy to field replace in unlikely situation of failures
- Built-in support for GPS tracking and SIM card for 3G/4G mobile communication
- Low voltage DC input (8-35v) compatible with most vehicles and even Solar Power units
- Fully tested and compatible with Key VMS's – like Milestone, Genetec, Cathexis, Honeywell and others
- POE ONVIF compatible – all major camera manufacture supported
- Build-in storage for Video recording (SSD based)
- DVI/VGA output for Video playback

MOBIX NANO II Series



Data sheet

Technical Specifications

System	MOBIX NANO II 320/350
Processor	Intel® Atom™ Processor E3845, Quad Core, 2MB Cache, 1.91 GHz Intel® Celeron® Processor J1900, Quad Core, 2MB Cache, 2.0 GHz
Memory	1x 204-Pin DDR3L 1066/1333MHz SODIMM. Max. up to 8 GB
Ethernet	2x RJ45
USB	1x USB 3.0, 3x USB 2.0
Video Port	VGA (by optional split cable), 1x DVI-I, Dual Display
Serial Port	2x RS-232/422/485
Audio	Realtek ALC888S
Expansion	2x Full-size Mini PCIe
Storage - mSATA	1x Internal 2.5" SATA HDD Bay, 1x mSATA (shared by 1x Mini PCI Express), 2x External SIM socket
DC Input - Voltage	9~48VDC
Input Connector	3-pin Terminal Block
Dimensions	150 (W) x 105 (D) x 49 (H) mm
Weight	0.85 kg
Mounting	Wall Mounting Side / VESA / DIN-Rail Mounting (Optional)
Operating Temperature	-40°C to 70°C
Storage Temperature	-40°C ~ 85°C
Humidity	10% to 95% (non-condensing)
Vibration	With SSD: 5 Grms, 5 - 500 Hz, 0.5 hr/axis With HDD: 1 Grms, 5 - 500 Hz, 0.5 hr/axis
Shock	With SSD: 50G, half sine, 11ms
Certification	CE, FCC Class A
Warranty Period	3 Years

Specifications are subject to change, without prior notice.