

PNM-220

Professional Navigation and Messaging Device

The Logic IO PNM-220 is a complete solution using the **N**avigation and **M**essaging **P**latform designed for the most demanding and professional fleet management applications. The PNM-220 device offers a ruggedized 7-inch, easy to read, screen optimized for finger touch usage. A powerful processor and generous RAM and flash ensures a delightful experience. The PNM-220 also offers connection for up to two analog cameras used for rear-view or cabin monitoring.

The PNM-220 product comes with the NMP software/maps pre-installed and interface cables for connection to the RTCU MX2i pro/pro+. *Ready to go!*

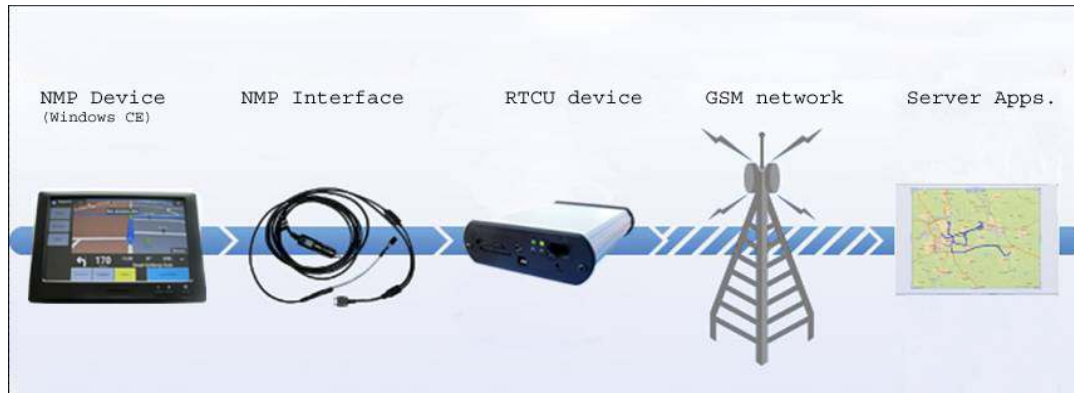


The PNM-220 product package includes:

- Rugged and durable Navigation and Messaging device:
 - 7-inch diagonal resistive touch anti-glare TFT-LCD screen.
 - Driver-friendly interface with 6 hardware buttons.
 - Powerful dual-speaker system.
 - Automotive interface cable with data and power.
 - Interface for up-to two analog cameras.
 - Running Microsoft Windows CE.NET 6.0.
- Navigation and Messaging Platform software installed.
- Sygic maps installed according to customer requirements.
- Interface cables for the RTCU MX2i pro/pro+.
- Power cable for connection to 9..32 VDC.
- Dashboard mount.
- **Optional:** cable for connection to the RTCU IDE simulator.



*Also see the **N**avigation and **M**essaging **P**latform datasheet for additional information!*



PNM-200 series

Professional Navigation and Messaging Device

Technical Data

Power supply	Min	Typ	Max		
Operating Voltage	9	-	32	VDC	Protected against wrong polarity.
Power Consumption		450		mA	@12V – RTCU device is not included
Core	Processor		S3C6410, 624 MHz ARM11		
	Flash		256 MB		
	SDRAM		128 MB		
LCD	Size		7" diagonal TFT		4-wire resistive touch screen
	Resolution		800 x 480		
	Aspect Ratio		16:9		
	Contrast		500:1		
	Brightness		300 cd/m ²		
	Viewing Angle		70/70(L/R), 50/70(U/D)		
Storage temperature	-20	-	+70	°C	External interfaces: • Fused flying lead for power • RJ-45 connector for RTCU unit connection. • Mini USB for ActiveSync and USB Host. • USB host port • SD-card slot and earphone jack • 2 * BNC connectors for analogue camera. • 4 * RS232 for interface to external devices. NMP software and maps are pre-installed on the delivered SD-card.
Operating temperature	-10	-	+60	°C	
Operating humidity (non-condensing)	10	-	80	%	
Weight	550 (PNM device)			g	
Vibration / Shock	20 operating condition			g	MIL-STD-810F, Method 514.5, Table 514.5C-VII, Figure 51.45C-1
External dimensions	W200 x H158 x D40			mm	PNM device without interface cable.

