DuraNAS 1000

Rugged Network Attached Storage (NAS) - IP65, EN50155

- **Ruggedized for Harsh Environments**
- **Up to 1TB Aggregated Storage**
- **RAID 1 Functionality**
- **10/100Mbps Ethernet with POE**
- **EN50155 Fully Qualified**
- **Quick and Easy Setup**

Features

Simple and Versatile - Ready-to-use Network Attached Storage for applications such as remote storage, networked video recording and many more
Power over Ethernet - Cuts installation cost and time with a single cable PoE connection
Quick and Easy Setup - Intuitive Web GUI for system configuration
EN50155 Fully Qualified - Fully compliant with EN50155 for Railway installations
Rugged for Harsh Environments - Designed to withstand mechanical, electrical and environmental stress typical of harsh environments

Description

The DuraNAS 1000 is a reliable high capacity Network Attached Storage (NAS) for Rolling Stock and for any application that requires a rugged device.

Featuring two HDD/SDD units, it can be configured as a single aggregated volume or as a RAID 1 volume. A safe shutdown capability ensures that buffered data is written even in the case of a sudden power loss.

The unit is configured through an easy to use Web GUI: system setup and storage management can all be done through an intuitive visual interface.

A 10/100Mbps Power over Ethernet (POE) connector provides a convenient interface that allows a single cable (power and data) installation. Two mounting options offer great deployment flexibility: brackets for permanent positioning, or a key-locked sledge for use cases where the device needs to be quickly removed.

The DuraNAS 1000 is EN50155 certified and comes with wide operating temperature range, an IP65 ingress protection and a very sturdy enclosure with a circular connector, making it suitable for harsh environments.

For customers requiring more configuration flexibility, Eurotech Professional Services offer an extensive number of options, including custom front panel/connectors, branding and additional certifications.

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Ordering code: NAS-1000-xx					
XX		-10	-11	-20	-21
STORAGE	Capacity	2x 1TB (HDD)		2x 1TB (SSD)	
	RAID	RAID 1 or Large Single Volume Mode			
	Encryption	Advanced Encryption Standard (AES); 128 bit key-size			
	Safe Shutdown	Yes			
I/O INTERFACES	Ethernet	1x 10/100Mbps - M12 Connector			
OTHER	LEDs	1x Ethernet Link; 1x Ethernet Activity; 1x SATA Boot Failure; 1x Early On; 1x Power On; 1x CPU Power On			
POWER	Input	Power-over-Ethernet (PoE) 37 – 57VDC Powered Device Class 0 Power Classification (IEEE 802.3af Compliant)			
	Consumption	< 12W			
ENVIRONMENTAL	Operating Temp.	EN50155 OT1 ST1 -25 to +55°C (+70°C for 10 minutes) (HDD not powered below -10 °C)		EN50155 OT3 ST1 -25°C/+70°C (+85°C for 10 minutes)	
	Storage Temp.	- 40 to +85°C			
	Humidity	95% Relative Humidity non Condensing			
CERTIFICATIONS	Regulatory	2014/30/UE (CE EMC)			
	Safety	EN 60950 (Safety)			
	Vertical	EN 50155 (Railway Applications); EN 61373 (Vibrations & Shocks); EN 61000 (Immunity, Emission); EN 60068 (Environmental Testing); EN45544 HL3 (Railway Applications – Fire Behaviour)			
	Ingress	IP65			
MECHANICAL	Mounting Style	Fixed, with Brackets	Removable, Dock with Key Lock	Fixed, with Brackets	Removable, Dock with Key Lock
	Dimensions (WxHxL)	171x59.5x285mm	171x83x293mm	171x59.5x285mm	171x83x293mm
	Weight	< 3Kg			

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