

ATLAS HBB-RTL Protocol converter

Atlas HBB-RTL is a converter of UDP/TCP/ IP and RS232 protocols to digital radio connections using a digital radio station. The connection to local devices in the plant is realized via Ethernet and/or RS232 ports, and the connection to the digital radio station is realized via one of the USB ports.

Atlas HBB-RTL is designed for easy migration from analog to digital radio connections without any change of parameters on devices that were previously in communication. In the case of new installations using this device, local communication can be switched to remote communication using digital radio stations.

Technical characteristics

- Processor AM3358 1GHz ARM Cortex-A8
- 4GB 8-bit eMMC
- Ethernet port 10/100Mbps
- 2 x RS-232
- 7 x USB port
- Connection via USB port to digital radio stations provided
- Connection to two devices per serial port provided
- Devices can be connected via Ethernet port using UDP/TCP/IP protocols
- Data transfer between different connection points 1 to 1 and 1 to more
- Supply voltage: 5V DC
- Maximum consumption: 5.5W
- Dimensions: 50mm x 110mm x 200mm
- Communication protocols: PROFINET and DNP3 Slave



Block connection diagram:

