



WRAP310WW# WIRELESS ROUTER

- Multi-technology controller
- Adjustable transmission range
- Advanced self-diagnostic functionality

FEATURES

The WRAP310WW# Router forms the central processing unit and wireless interface of the Becker Mining Systems Wi-Fi communication based voice & data system.

In its simplest form, the WRAP310WW# can operate as a stand-alone unit providing wireless signal for the use of data transfer, with an AC connection from surrounding infrastructure the system incorporates a 4 hour battery backup that automatically charges and switches over between external power source and battery without effecting communication

The WRAP310WW# unit has a modular unit that provides external connections to enable the WRAP310WW# to utilize either single mode or multimode fibre connection plus four Ethernet ports to connect to 3rd party equipment as required.

MECHANICAL DATA	
Product Dimensions (L x W x D)	322 mm x 192.7mm x 486.5 mm
Weight	35 kg
Principal materials	Brushed stainless steel

TECHNICAL DATA

PERFORMANCE SPECIFICATIONS	
Transmission range	1 m (min) to 800 n(max)
Power supply voltage	90-264VAC
Supply current	@ 110 Vdc - Max: 1.6A @ 220 Vdc - Max: 0.8A
Power consumption	180 watts (max)
Battery Capacity	7 Ah @ 24V

ENVIRONMENTAL SPECIFICATIONS	
Altitude (low pressure) Procedure II	5500m ASL
High Temperature - Procedure I	32 °C to 60 °C
High Temperature - Procedure II(1)	33 °C to 75 °C
High Temperature - Procedure II(2)	60 °C
Low Temperature - Procedure I	-30 °C
Low Temperature - Procedure II	-30 °C
Temperature shock - Procedure I-C	-20 °C to 60 °C, 3 °C/ min
Humidity Procedure II	95% RH, 30 °C to 60 °C
Ingress protection	IP66*
Impact resistance	IK09
Electromagnetic interference (EMI)	ISO 13766

Technical data are limit values.

If the product is integrated into systems or operated in combination with other devices, its permissible operating values can deviate from these limit values. Subject to technical modifications without prior notice.

Rev. A