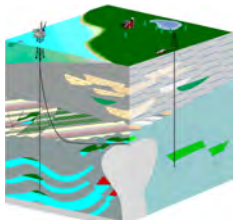


KMS-820 Wireless Modules

KMS-820 wireless module



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KMS-820 wireless module



Figure 1: KMS-820 wireless module

Product Details

The KMS-820 wireless module is designed to use with KMS-300 Wireless adaptor for wireless communication purpose. It is for easy field setup and QA/QC check, especially in harsh weather condition or when it is difficult to access acquisition unit KMS-200.

KMS-820 wireless module specifications:

- 915 MHz long-range wireless, 8 km sight-to-sight
- Low power wireless transceiver, excellent for long battery life
- Operating temperature up to + 85 C
- Multiple units operation available
- Mesh network option available for big area wireless network with data automatically relay capability, Figure 2 & 3

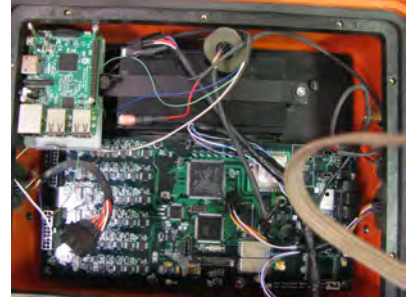


Figure 2: KMS-820 systems mesh network configuration

KMS-820 networking module

The KMS-820 connectivity can be enhanced by adding an Rpi3 or similar micro computer controller as shown in the figure. It allows FULL real time data streaming through wireless or wired.

The KMS-820 acquires the data and write files that are then accessed by the controller. The controller uses high level operating system and can control addition SD cards and hard disks



Product details

- Low power < 1 W
- Windows or Linux
- Bluetooth
- Ethernet
- WiFi
- HDMI
- USB
- Multiple hard disk interfaces
- SD card slot(s)