

# Road Header

CATTRONcontrol™



## CAN REMOTE CONTROL SYSTEM

### HIGHLIGHTS

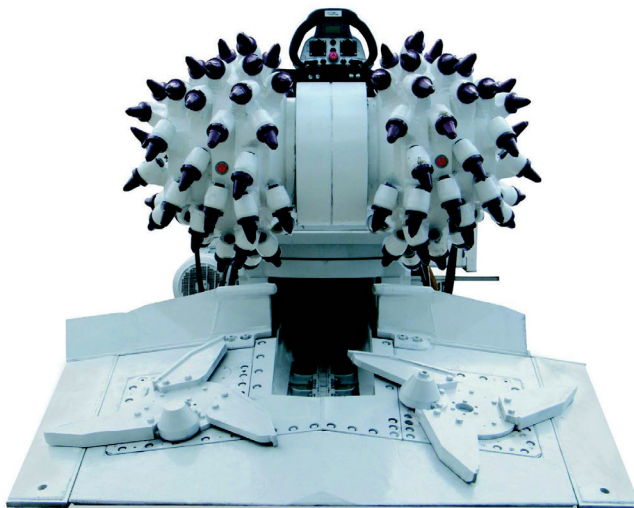
- High safety class through redundant hardware and software structure
- Approvals and frequencies for worldwide deployment
- Application-specific layout
- Housing made of impactresistant polycarbonate resin
- A variety of operator control units can be used

### FEATURES

- Dual CANbus interfaces that meet ISO 11898-2 standard
- Dual safety relay outputs
- Both CAN interfaces are electrically isolated
- Dual Processor Redundant Architecture for Safety
- Unique ID key for the utmost safety of personnel and property

### APPLICATIONS

The CAN Remote Control System (CAN RCS) for Road Headers sets new standards for the industry. This CAN RCS greatly simplifies the installation of a remote control on any CANRoad Header. When connected to the CAN network of the Road Header's main computer, the CCM12 Receiver acts as a wireless gateway between the vehicle and the Operator Control Unit (OCU). All functions executed on the OCU are transferred on the CAN Network and the Road Header's vital signs are sent back to the OCU.



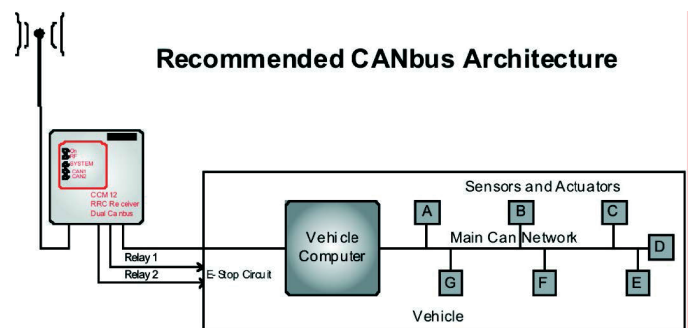
RF	
<b>Frequency range</b>	335 MHz 418-419 MHz 433-434 MHz 447 MHz 410-470 MHz 868-869 MHz 903-927 MHz
<b>Transmission speed</b>	4.8 to 20 kbit/s
<b>Transmitter output power</b>	410-470 MHz: up to 500mW All others: <10 mW
<b>Receiver sensitivity</b>	-107 dBm

ELECTRONIC DATA	
<b>Digital circuitry</b>	Dual-processor technology
<b>System addresses</b>	24 bits = 16 million addresses
<b>Security relay type</b>	EN 50205, type A
<b>Safety relay switching current</b>	4 A, fused
<b>Shock resistance</b>	17 g 16msec

MECHANICAL DATA	
<b>Dimensions L x W x H</b>	122 x 144 x 48 mm
<b>Operating temperature</b>	-20° to +60° C (-4° to +140° F)

NORMS AND STANDARDS	
<b>IP protection class</b>	IP 66
<b>Safety standards</b>	EN 954-1 category 3 for all safety related functions EN 13849-1 Performance Level d

CAN INTERFACE CHARACTERISTICS	
<b>CAN format</b>	CAN 2.0A and CAN 2.0B
<b>Bus speed</b>	10, 20, 50, 125, 250, 500, 1000 kbps
<b>Standard</b>	ISO 11898-2
<b>Protection</b>	Exceeds ISO 11898-2 Bus fault protection ( -27 to +40 V) Transient voltage (-200 to +200 V)



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