

# R3s

3" fully round,  
edge-to-edge,  
touch screen  
display



## Key Features:

- / 2x CANbus connections
- / 4x Relay outputs
- / Control capabilities
- / Drop-in replacement for 3" gauges
- / J1939 / NMEA 2000™ compatible
- / IP67 All round protection

## THE R3S, HAS A 2.8 INCH RECTANGULAR COLOUR DISPLAY WITH AN INTEGRAL 5 BUTTON KEYPAD.

This display has the same bezel dimensions as standard 3-3/8" analogue gauges, allowing it to blend into a variety of dash designs seamlessly. 4 relay outputs, 2 CAN input connections, plus a USB port allows for maximum functionality.

The QVGA colour display can be viewed in full sunlight, and the unit is totally sealed and electronically extremely durable. The display can provide system control functions, alarm functionality. It is equipped to meet the challenge of providing tough, flexible, maintenance-free instrumentation in even the very harshest of environments.

## Accessories

- > Cable Harnesses
- > Branding - Labels and Boxes
- > Protective Sun Covers
- > Mounting Kits

## Part Numbers:

# 3010

R3s 2.8" Rectangular  
Colour LCD in a 3-3/8"  
Round Housing

Hardware	
CPU	Processor is Freescale i.MX286, running 454 MHz
Flash Memory	128MB NAND
SRAM	128MB
Mechanical	
Case Material	ABS
Case Colour	Black
Dimensions	84.8 mm diameter x 44 mm high Bezel 95.7 mm diameter
Electrical	
Display	TFT LCD 2.8"
Resolution	320 x 240 QVGA
Active Area	43.2 mm (H) x 57.6 mm (V)
Viewing Angle	70° / 80° left/right/down/up
Contrast Ratio	300:1
Brightness	750 NIT
Power Requirements	10V to 32V DC
Sounder	Internal Buzzer
Connection	(1) 12 Pin Deutsch DT04-12P Moulded in Receptacle -mates with DT06-12A
Input/Output / Communications	
RPM Input	Magnetic pick up or Hall effect and similar with push-pull output- max. frequency = 5KHz
Relay Outputs	4 x Open collector suitable 0.5A continuous load
Communications	2 x CAN bus 2.0B (1 x Isolated)
Environmental	
Operating Temperature	-20°C to +70°C
Storage Temperature	-30°C to +80°C
Degree of Protection	IP67 All Round, IP66 Front