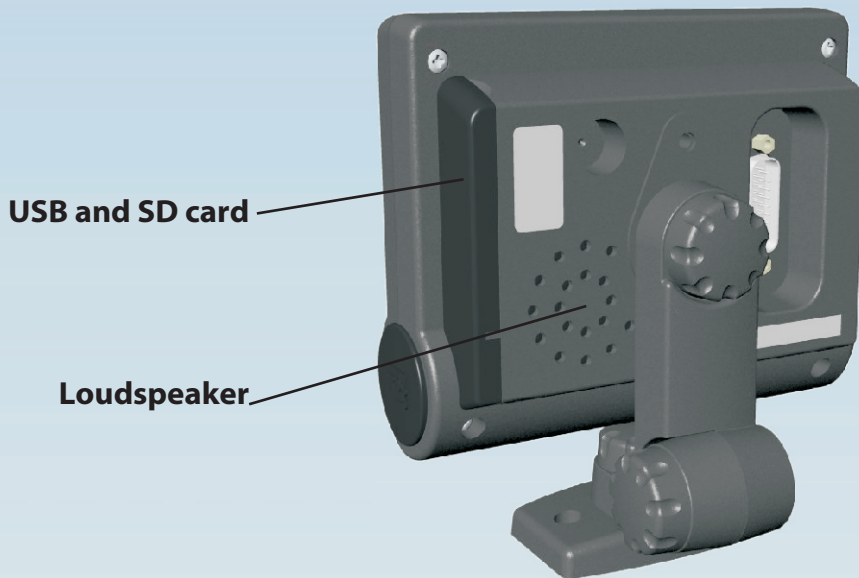# G-CAN

A contemporary operator interface for control and monitoring applications on mobile machinery

W: 133mm x H: 113mm x D: 50mm

The new G-CAN terminal from RDS uses a 4.3" touchscreen display (widescreen format) and also includes physical keys to provide a modern and ergonomic operator interface for a wide variety of applications.

RDS G-CAN rear view

USB and SD card

Loudspeaker

Specification:

Power supply:	10 - 30 Volts DC
Current consumption:	500mA
Display:	High brightness (400mcd) colour, 4.3" widescreen format (480 x 272) LCD with touch-screen
Front panel switches:	4 backlit physical keys for application specific functions
Processor:	MIPS32 M4K running at 80MHz
Memory:	128kB RAM
	512kB Flash
	2MB on-board non-volatile memory
	SD card reader and USB 2.0 host for pen drive
Communication Ports:	Two CAN 2.0B ports (J1939/ISO 11783)
	Two uncommitted RS232 ports
Inputs:	Eight - can be configured as analogue or digital
Outputs:	Three - 1 amp each
Speaker:	1.5 Watt for alarms etc
Protection:	Reverse polarity protection
Enclosure:	Custom ABS Enclosure (front and rear cover)
Mounting:	Free-standing
EMC:	2004/108/EC ISO 14982
Temperature:	-20°C to +70°C operating temperature
Vibration:	5G @ 10 to 500Hz
Shock:	50G
Sealing:	IP65
Dimensions:	W: 133mm x H: 113mm x D: 50mm

Note: For OEM manufacturers the exact functionality is normally customised to the precise requirements. This data sheet is to give an overview of the possibilities.