



# iSOCAN

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

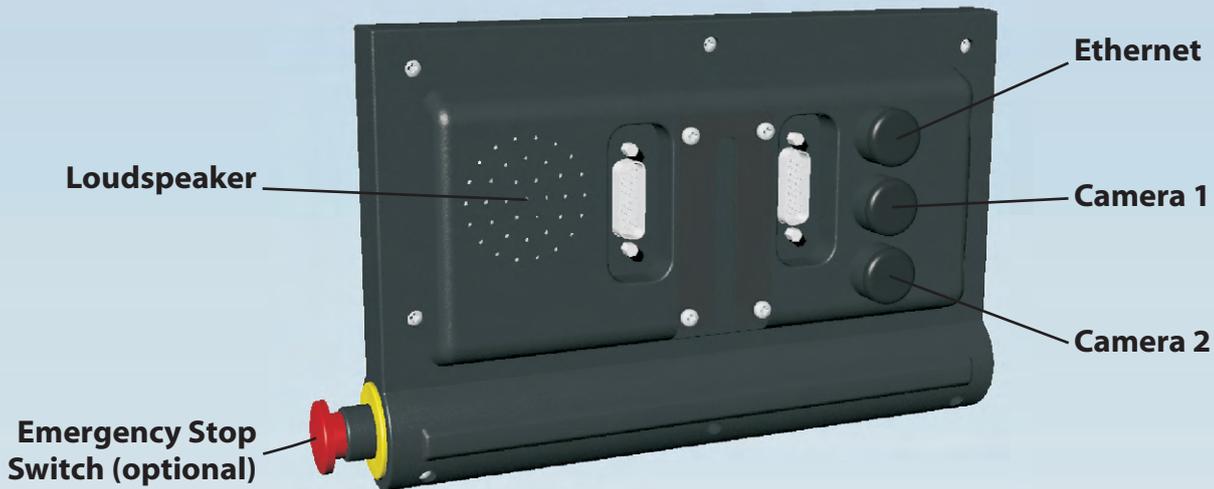


W: 227mm x H: 157mm x D: 45mm

The new iSOCAN terminal from RDS uses a 7" touchscreen (16 x 9 format) display and also includes physical keys to provide a modern and ergonomic operator interface for a wide variety of applications.

[www.rdstec.com](http://www.rdstec.com)

## RDS iSOCAN rear view



### Specification:

Power supply:	10 - 30 Volts DC
Current consumption:	500 mA
Display:	High brightness (400mcd) colour, 7" widescreen format (800 x 480) LCD with touch-screen (155 x 95mm)
Front panel switches:	16 backlit physical keys for application specific functions Integral true emergency stop switch (optional)
Processor:	ARM Cortex A8 CPU running at 800Mhz
Operating system:	WEC7
Memory:	256MB RAM 512MB Flash
Communication Ports:	SD Card slot Two composite video camera inputs USB 2.0 OTG (for Microsoft Active Sync etc) Two USB 2.0 host connections (for pen drive etc) 10/100base TX Ethernet Two CAN 2.0B ports (J1939 compatibility etc) Two uncommitted RS232 ports
Inputs:	Four - can be configured as digital or analogue
Outputs:	Two - 1 amp each
Speaker:	1.5 Watt for alarms etc
Protection:	Reverse polarity protection
Enclosure:	Custom ABS Enclosure
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:	IP54
Dimensions:	W: 227mm x H: 157mm x D: 45mm

**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.**