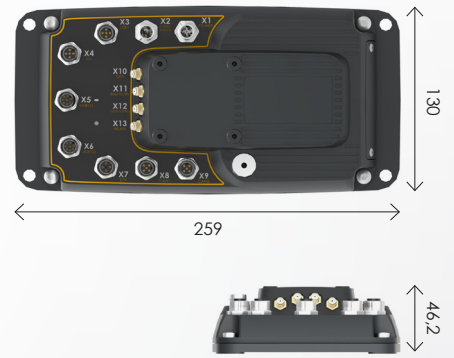




(mm)



CrossCore XS MAIN CONTROLLER AND COMMUNICATION GATEWAY

CrossCore XS is a powerful ARM-based main controller and communication gateway with a rich set of wired and wireless interfaces. The open software application platform for controls,

diagnostics and mobile connectivity enables easy realization of advanced vehicle control and management functionality.

Turn for technical specifications »

Standard model specifications

INTERFACES		STANDARD	ALL-INTEGRATED
CAN (ISOLATED)	CAN, ISO 11898 2.0B, Bit-rate configurable 20–250 kbps. (Up to 1 Mbit)		2 x
CAN (NON-ISOLATED)	4 x CAN, ISO 11898 2.0B, Bit-rate CAN power output, 1A shared by all outputs.	4 x	
ETHERNET	1 x 10/100 Base-T/TX	X	X
SERIAL	1 x RS232 (galvanically isolated)	X	X
USB	USB 2.0	2 x	1 x
DIGITAL I/O	4 x Configurable as in or out (galvanically isolated)		X
VIDEO IN	Analogue Video in, NTSC or PAL		4 x
AUDIO	Stereo line out		X
WLAN	Built-in 802.11 b/g		X
GSM/GPRS	Built-in GSM/GPRS modem		X
BLUETOOTH	Built-in HCI Bluetooth		X
GPS	Built-in GPS receiver		X

CrossCore XS PRODUCT SPECIFICATIONS

KERNEL	
MAIN PROCESSOR	Freescall i.MX
COPROCESSOR	STM32F
STORAGE	4 GB, Flash for storage
RAM	256 MB DDR3

HMI	
STATUS LED	Application controllable LED
EMBEDDED WEB SERVER	Built-in web server for configuration and program loading

SOFTWARE	
OPERATING SYSTEM	Linux

POWER	
VOLTAGE	12 or 24 VDC Nominal

ENVIRONMENT	
IP CLASS	IP65
EMC CONFORMITY	2004/108/EC, EN61000-6-2:2005, EN61000-6-4:2007, ISO 14982:2009
VIBRATIONS	0,01 g2/Hz 10-200 Hz
SHOCK	5 g/11ms 3x ±1000 bumps
TEMPERATURE RANGE (°C)	-25 to +70 (operating)* -40 to +85 (storage)

ENCLOSURE	
HOUSING MATERIAL	Aluminium
CONNECTORS	DIN M12, SMA for antennas
FASTENING	Mounting lugs in base plate or VESA 50

SIZE AND WEIGHT	
W x H x D (mm)	259 x 130 x 46,2
WEIGHT (kg)	1.25

* Internal heating below -25°C



AN ACTUANT COMPANY

Sales contact: sales@crosscontrol.com | General: info@crosscontrol.com | www.crosscontrol.com

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