VP070-M8M

KEY FEATURES

ARM-Based System
Support Android 9.0 and Linux

IP Rating
IP65 Front Panel Protection

Rich I/O Connectivity
1 GbE, 2 COM, 1 CAN Bus, 2 USB 3.1 Gen1, 1 HDMI

Application Focus
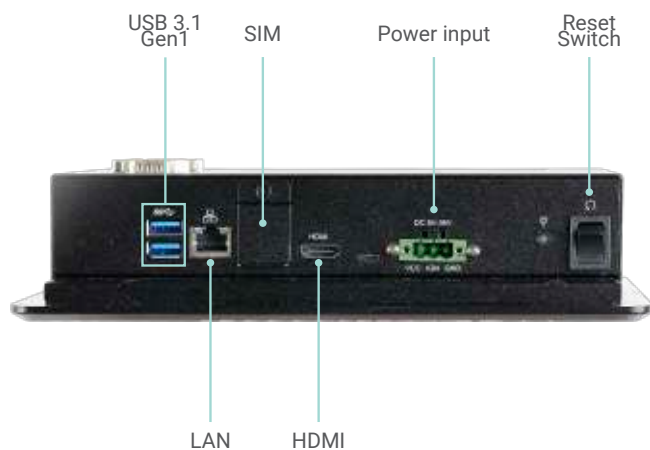In-Vchicle Driver HMI

Smart Power Ignition Control
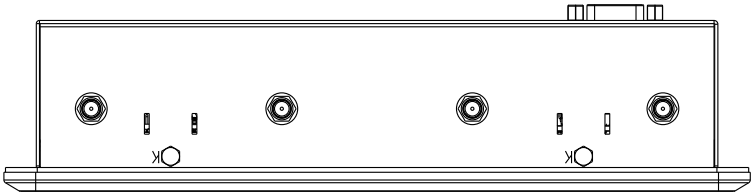Power delay and protection time setting

PANEL

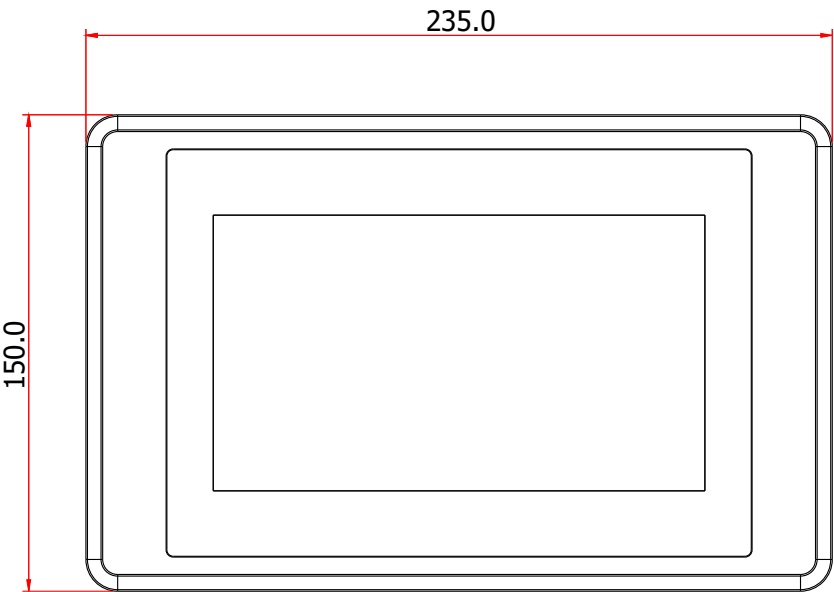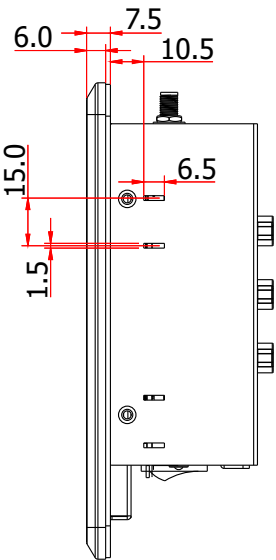USB 3.1 Gen1   SIM   Power input   Reset Switch

LAN   HDMI

COM

CAN Bus

Bottom View

Back View

DIMENSIONS

Top View

235.0

150.0

Front View

7.5

6.0

10.5

15.0

6.5

1.5

Side View

53.8
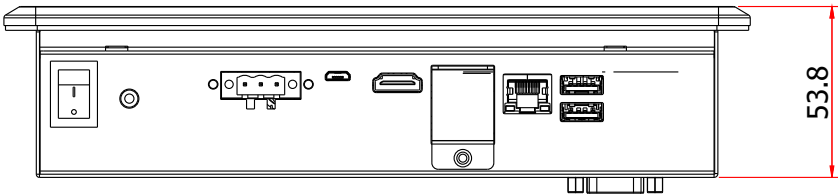
BottomView

SPECIFICATION

SYSTEM	Processor	NXP i.MX 8M Dual/Quad Cortex-A53
	Max. Speed	1.5GHz
MEMORY	Technology	On board Memory 2GB/4GB (Default 2GB) Single Channel LPDDR4 up to 3200 MHz
	Max. Capacity	4GB
	Socket	Memory Down
DISPLAY & TOUCH SCREEN	Display Type	7" PCAP TFT
	Max. Resolution	1024 x 600
	Brightness	425 cd/m²
GRAPHICS	Connector	HDMI
STORAGE	Internal	Support eMMC 5.1 16GB on board (default) Support up to 64GB (optional)
EXPANSION	Interface	1 M.2 2242/3042 B Key (USB3.1 Gen1) 1 M.2 2230 E Key (PCIe x1/USB2.0)
AUDIO	Audio Codec	SGTL5000
ETHERNET	Controller	AR8035
LED	Indicators	Power
I/O	Ethernet	1 x GbE
	Serial	1 x RS-232/422/485 1 x RS-232 1 x CAN Bus
	USB	2 x USB 3.1 Gen1
	Display	1 x HDMI
	Audio	with Amplifier to support 2W speaker (optional) 1 x Line out, 1 x MIC in (internal header)
	Buttons	1 x Reset switch
POWER	Type	9~36V DC Power input, with ACC/IGN control
OS SUPPORT	Linux	Yocto 2.5 (optional)
	Android	Android 9.0 (default)
MECHANISM	Construction	Aluminum + SGCC
	IP Rating	IP65 Front Panel Protection
	Mounting	Panel Mount /VESA Mount
	Dimensions (W x H x D)	235 x 150 x 54mm
	Weight	2.9kg
ENVIRONMENT	Operating Temp.	0~60°C
	Relative Humidity	85%@65°C (non-condensing)