



### Main characteristics:

- 7", TFT color display, resolution 1024x600 pixel
- 10", TFT color display, resolution 1280x800 pixel
- 15.6" TFT color display, resolution 1366x768 pixel
- 21.5" TFT color display, resolution 1920x1080 pixel
- PCAP Touchscreen Multitouch
- 10/100 Ethernet port PoE
- Wi-Fi Connection and NFC Device
- Full IP protection; ideal for mounting-arm installation
- Operating temperature -20°C to +55°C
- UL 61010-1 approval

### PROFILE

G-Mation V44 is the ideal product for field installation in critical areas. High-resolution 7", 10", 15.6" and 21.5" display with multitouch PCAP touchscreen with a robust glass front.

Power-over-Ethernet (PoE) for maximum simplicity of connection using standard CAT5 wiring. The availability of a Wi-Fi interface enhances the device integration, while the NFC broadens the device applications.

Full IP protection with the use of dedicated connectors for the maximum flexibility of installation, from mounting arm to a simple M22 hole.

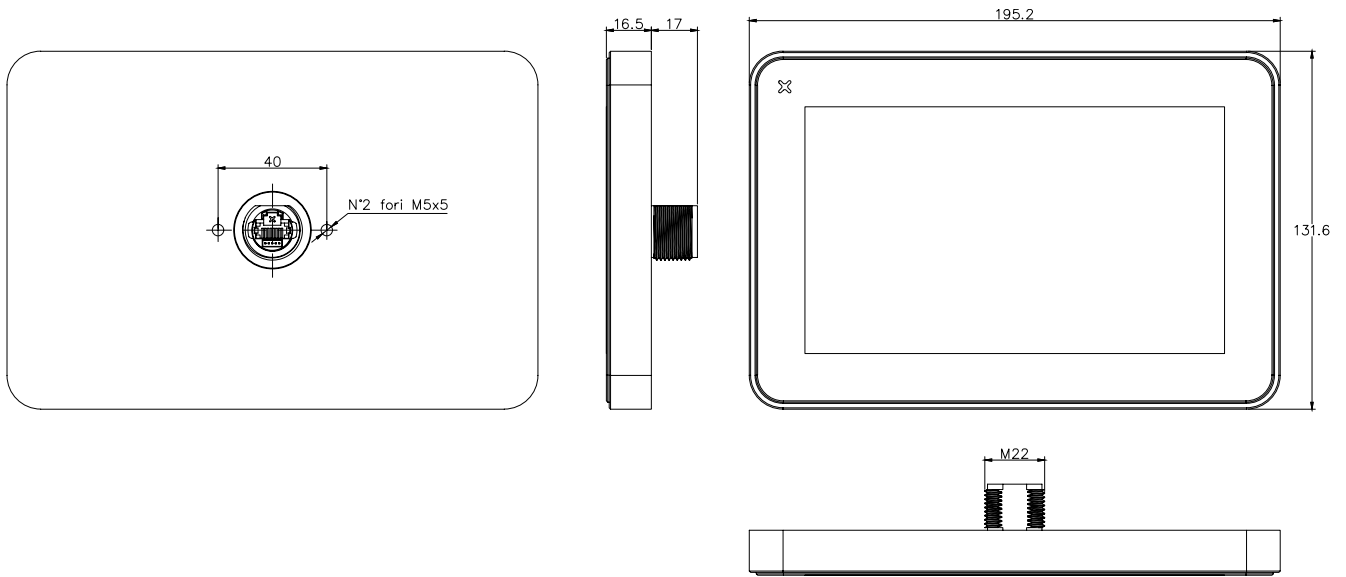
**TECHNICAL DATA**

Model	G-Mation V44 070-5-00	G-Mation V44 101-5-00	G-Mation V44 156-5-00	G-Mation V44 215-5-00
<b>System Resources</b>				
Display - Colors	7" TFT - 16M	10.1" TFT - 16M	15.6" TFT - 16M	21.5" TFT - 16M
Resolution	1024x600	1280x800	1366*768	1920x1080
Brightness	400 cd/m2			
Dimming	Yes			
Touchscreen	Projected Capacitive, Multitouch			
CPU	64-bit RISC Quad core - 1.6 GHz			
Operating System	Linux			
Flash	4 GB			
RAM	2 GB			
FRAM	64 Kbytes			
Real Time Clock, RTC Back-up	Yes			
<b>Interface</b>				
Ethernet port	10/100 PoE			
USB port	1 (Host V2.0, max. 500 mA, available with special cable)			
LED	1 RGB			
Sensors	Temperature, 3-Axis Accelerometer			
Buzzer	Yes			
NFC	ISO/IEC 14443A			
Wi-Fi	IEEE 802.11a/b/g			
<b>Ratings</b>				
Power supply	IEEE 802.3bt 4PPoE			
Power Consumption	10W	14W	21W	32W
Battery	Rechargeable Lithium battery, not user-replaceable			
<b>Environment Conditions</b>				
Operating Temp	-20° to +55° C (vertical installation)			
Storage Temp	-30°C to +80°C (EN60068-2-1 / EN 60068-2-2 / EN 60068-2-14)			
Operating / Storage Humidity	5-85% RH, non-condensing			
Protection Class	IP67 (requires appropriate accessories and cables) Type: 1, 12, 4x			
<b>Dimensions and Weights</b>				
Faceplate LxH	195.2x131.6 mm (7.68x5.18")	264.5x183.1 mm (10.41x7.20")	398.6x248 mm (15.69x 9.76")	534.1x325.6 mm (21.02x 12.81")
Depth D+T	16.5 mm (0.06")		26.5 mm (1.04")	
Weight	1.2 Kg		4.0 Kg	6.0 Kg
<b>Approvals</b>				
CE (*)	Radio Equipment Directive 2014/53/EU (RED)			
UL (*)	cULus: UL61010-1 / UL61010-2-201			

\* In progress

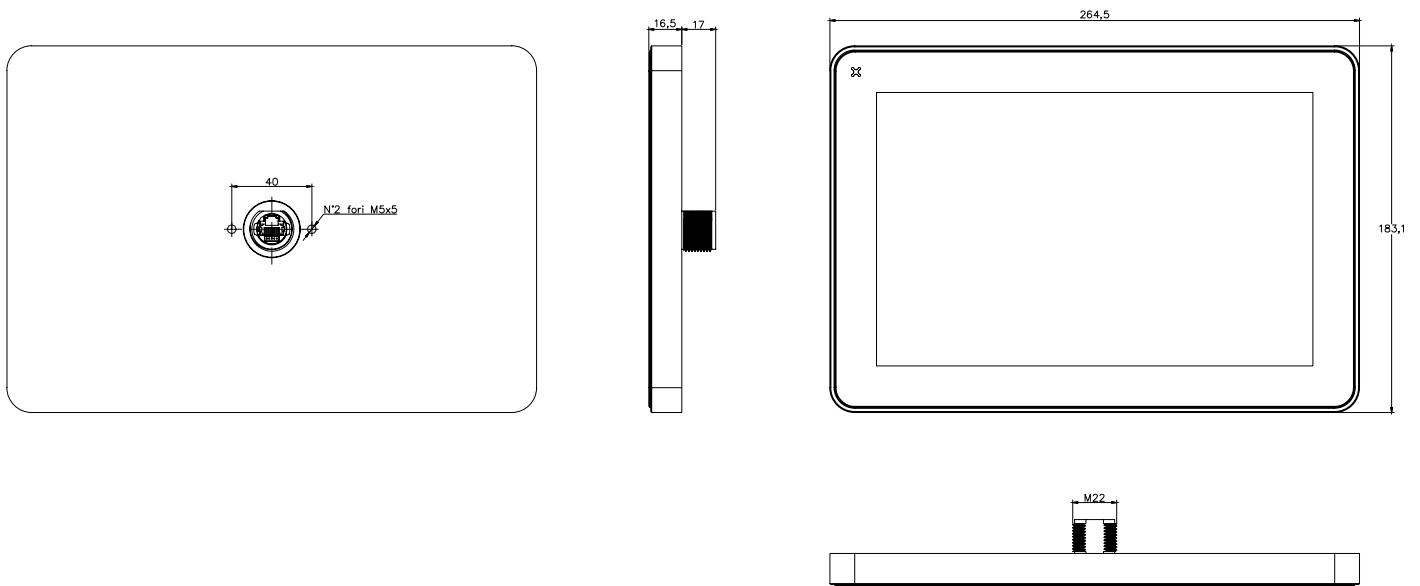
**DIMENSIONS**

**G-Mation V44 070-5-00**



Code	Model	Description
F086925	G-Mation V44 070-5-00	Field-ready 7" HMI, PCAP touchscreen, PoE Interface

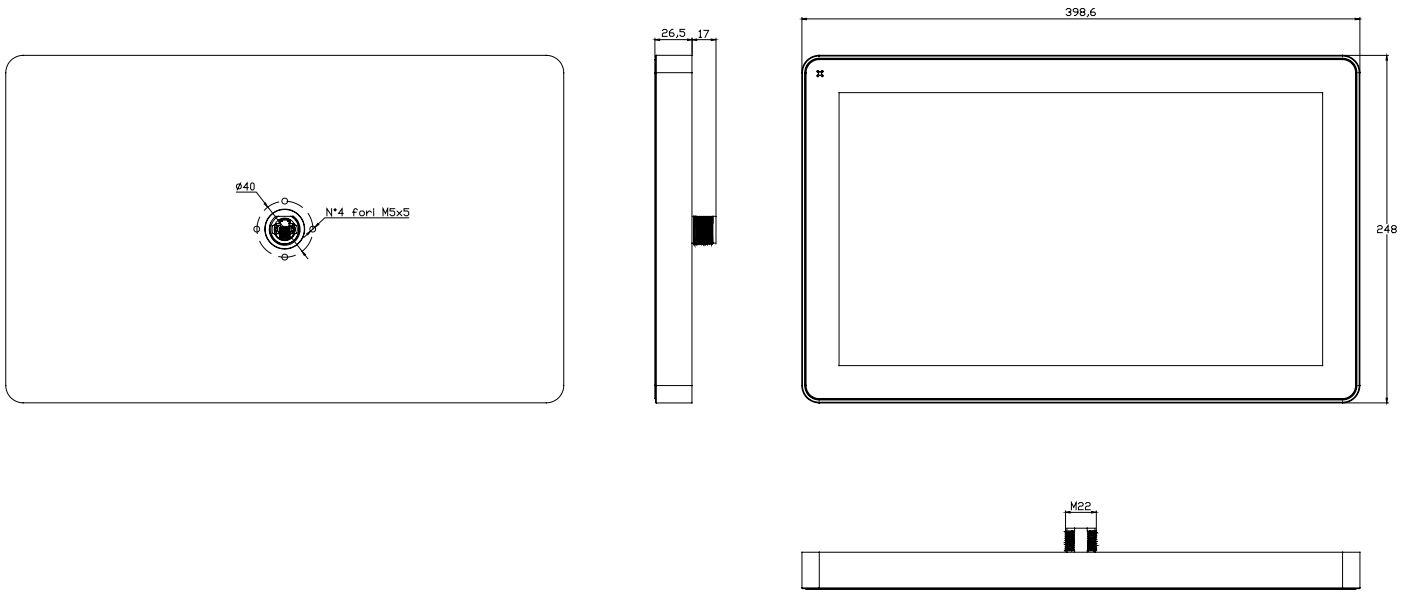
**G-Mation V44 101-5-00**



Code	Model	Description
F086931	G-Mation V44 101-5-00	Field-ready HMI 10.1" with PCAP touchscreen, Ethernet port PoE

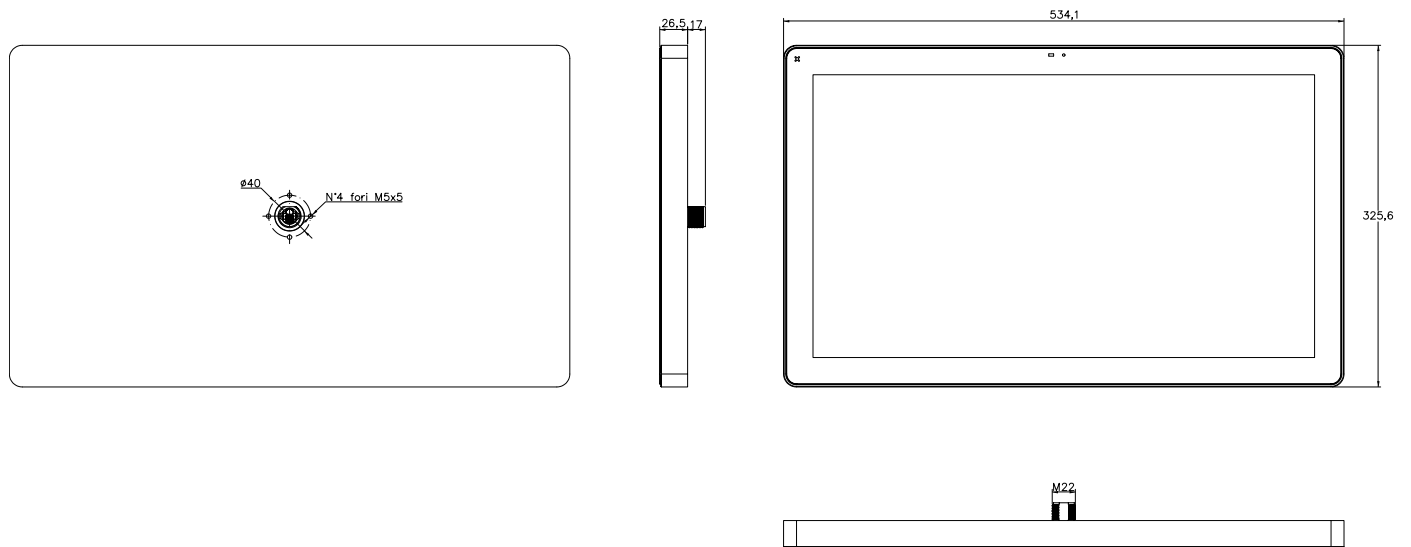
**DIMENSIONS**

**G-Mation V44 156-5-00**



Code	Model	Description
F086937	G-Mation V44 156-5-00	Field-ready 15.6" HMI, PCAP touchscreen, PoE Interface

**G-Mation V44 215-5-00**



Code	Model	Description
F086947	G-Mation V44 215-5-00	Field-ready 21.5" HMI, PCAP touchscreen, PoE Interface

**ORDER CODE**

G-Mation V4 -  -  -  -

Protection rating	
IP 66 Front, IP20 Rear Flush mounting Power supply wired 24 Vdc 0,6-1,7 A	<b>5</b>
IP67 Full body Arm mounting Power supply IEEE 802.3bt 4PPoE Wi-Fi Connection and NFC Device	<b>4</b>
IP 66 Front, IP20 Rear, Flush mount. 44-keys integrated keyboard Power supply wired 24 Vdc 0,6-1,7 A	<b>1</b>

TBD	
<b>00</b>	TBD

Display size	
7,0" TFT 16:9 - 16M colors Resolution 800x480 Model V45 Resolution 1024x600 Model V44	<b>070</b>
10,1" TFT 16:9 - 16M colors Resolution 1280x800	<b>101</b>
12,1" TFT 4:3 - 16M colors Resolution 1024x768	<b>121</b>
15,6" TFT 16:9 - 16M colors Resolution 1366x768	<b>156</b>
21,5" TFT 16:9 - 16M Resolution 1920x1080 FULL HD	<b>215</b>

CPU	
ARM...	
"i.MX8M Mini Quad ARM Cortex-A53 1.6 GHz 2 GB RAM - 8GB Flash Disk"	<b>5</b>
ARM...	
ARM...	