

OP-12



AP-12



NAP-12



- OP** Open frame universal mounting
- AP** 6mm aluminum front bezel with 45° chamfer
- NAP** NEMA 4 / IP65 front protection

Features & Options

- ▶ 12.1" LCD with 800 x 600
- ▶ Rugged construction against external impact
- ▶ Touchscreen option
- ▶ AV + BNC, Audio & DVI-D options
- ▶ 12V, 24V and 48V DC power options
- ▶ TV option



Specifications

• LCD Panel

Diagonal size :	12.1" TFT
Max resolution :	800 x 600
Brightness :	400 cd/m ²
Colour support :	262 K
Contrast ratio (typ) :	600 : 1
Viewing angle (H / V) :	160° x 110°
Display area :	246 x 185 mm
Tr response time (ms) :	10
MTBF (hrs) :	50,000 hrs
Display signal input :	Analog RGB
Connector :	DB-15 connector
Regulatory approval :	CE, FCC

• Casing Colour

OP :	Black
AP / NAP :	Black front panel, dark grey rear case

• Power

Input :	Auto-sensing 100 to 240VAC, 50 / 60Hz
Consumption :	Max. 40 Watt, Standby 5 Watt

• Environmental

Operating / Storage :	0 to 50°C / -5 to 60°C
Relative humidity :	5~90%, non-condensing
Shock :	10G acceleration (11ms duration)
Vibration :	5~500Hz / 1G (11ms / cycle)

Dimensions

Model	Product Dimension (W x D x H)	Packing Dimension (W x D x H)	Net Weight	Gross Weight
OP-12 series	342 x 60 x 253 mm 13.5 x 2.4 x 10 inch	558 x 105 x 473 mm 22 x 4.1 x 18.6 inch	3 kg / 6.6 lbs	5 kg / 11 lbs
AP-12 series	345 x 66 x 256 mm 13.6 x 2.6 x 10.1 inch	558 x 105 x 473 mm 22 x 4.1 x 18.6 inch	3 kg / 6.6 lbs	5 kg / 11 lbs
NAP-12 series	345 x 66 x 256 mm 13.6 x 2.6 x 10.1 inch	558 x 105 x 473 mm 22 x 4.1 x 18.6 inch	3 kg / 6.6 lbs	5 kg / 11 lbs

Basic Model

OP-12	Open frame LCD display panel	12.1"	VGA input
AP-12	6mm aluminum front bezel display panel	12.1"	VGA input
NAP-12	Front NEMA4 / IP 65 LCD display panel	12.1"	VGA input

Options

Display input

- AV BNC + S-video with remote controller
- TV TV with remote controller

Touchscreen

- TRB e-Resistive, USB
- TRS e-Resistive, serial
- TCB e-Capacitive, USB
- TCS e-Capacitive, serial

DC power

- 12VDC 12V DC power
- 24VDC 24V DC power
- 48VDC 48V DC power

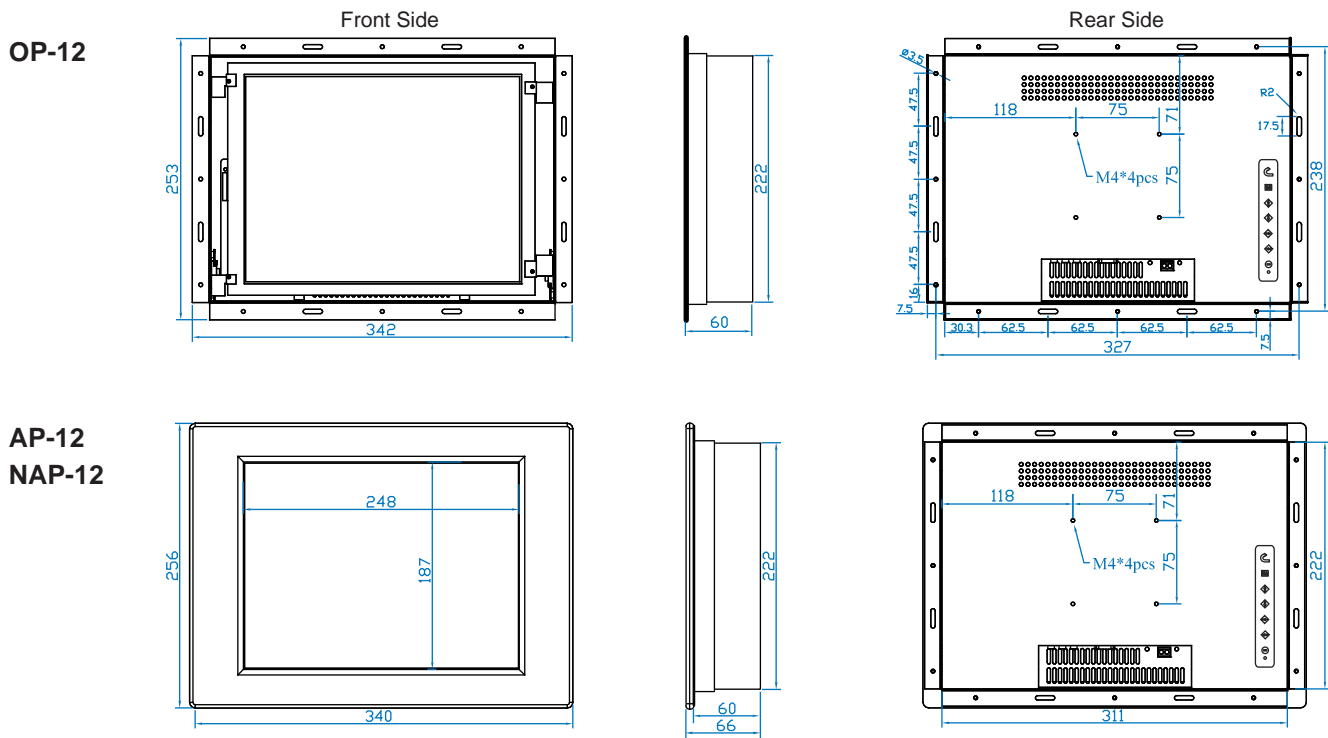
Others

- AU Audio
- RC1 Remote controller

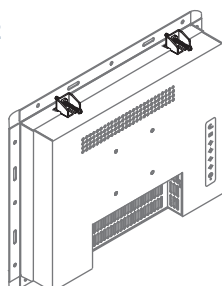
Ordering examples

- OP-12-TV-TCS** OP-12 + TV with remote controller + e-Capacitive touch screen with serial controller
- AP-12-TRB-24VDC** AP-12 + e-Resistive touch screen with USB controller + 24V DC power
- NAP-12-AU-RC1** NAP-12 + audio + remote controller

Drawing (Unit : mm)



Mounting Kit



Panel mount
Set of 4