

ADM-1800AP Series

Industrial LCD Touch Displays

- NEMA 4/4X Front Bezel
- VGA, DVI Input
- Black Powder Coated or Stainless Steel Bezel
- 5-Wire Resistive Touch or Tempered Glass
- RS-232, USB Touch Interface
- AC Input Available
- Very High Bright Option Available



Panel Mount



Flush Bezel

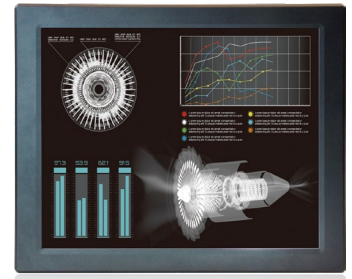
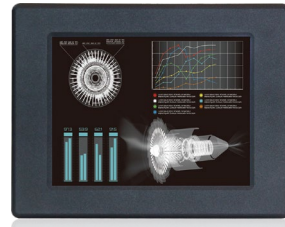
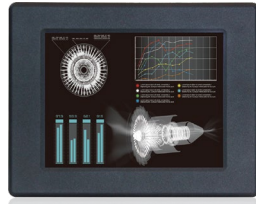


Resistive Touch

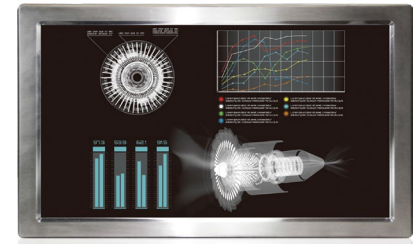
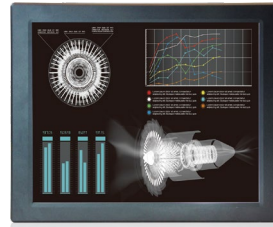
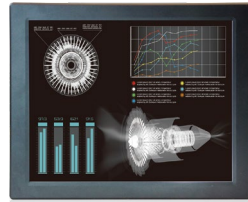


Very High Bright

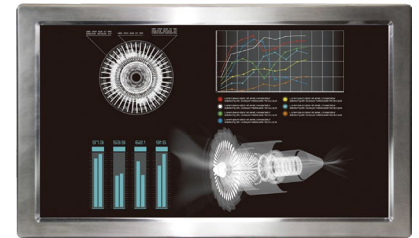
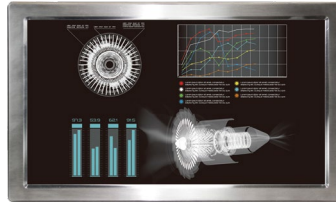
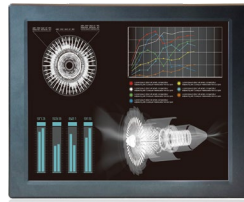




PRODUCT SPECIFICATIONS	ADM-1806AP	ADM-1808AP	ADM-1810AP
LCD Display			
Display Size (Diagnol)	5.6 inch	8.4 inch	10.4 inch
Resolution	640 x 480	800 x 600	800 x 600
Backlight Lifetime (Hours)	50,000 hours	50,000 hours	50,000 hours
Visual Characteristics			
Colors	16.2 million	16.2 millions	16.2 millions
Aspect ratio	5:4	4:3	4:3
Viewing angle (V/H)	150° / 160°	140° / 160°	140° / 170°
Response time (Typical)	5 ms	20 ms	12 ms
Pixel Pitch (mm)	0.207 x 0.207	0.213 x 0.213	0.264 x 0.264
Contrast ratio	800 : 1	600 : 1	700 : 1
Brightness	800 nits (1000 nits* Very High Brightness Version)	450 nits (1000 nits* Very High Brightness Version)	400 nits (1000 nits* Very High Brightness Version)
Input Interface			
VGA	Yes	Yes	Yes
DVI	Yes	Yes	Yes
HDMI	N/A	N/A	N/A
Display Port	N/A	N/A	N/A
CVBS	N/A	N/A	N/A
YPbPr	N/A	N/A	N/A
Touch Screen			
Technology	5 Wire Resistive	5 Wire Resistive	5 Wire Resistive
Touch Rating	35 million touches	35 million touches	35 million touches
MTBF	490,000 hours	490,000 hours	490,000 hours
Interface	RS-232, USB	RS-232, USB	RS-232, USB
Driver	Win XP pro, Win XPe, Win 7 & up	Win XP pro, Win XPe, Win 7 & up	Win XP pro, Win XPe, Win 7 & up
Front Bezel			
NEMA 4	Black Powder Coated	Black Powder Coated	Black Powder Coated
NEMA 4x	Stainless Steel(Optional)	Stainless Steel	Stainless Steel
Power/Thermal Specs			
Power Requirement (Max)	12VDC / 0.53A,	12VDC / 1.58A	12VDC / 0.70A
Power Consumption (Max)	7 W	7 W	9 W
Recommended Power Supply	9 W	10 W	12 W
Heat Dissipation	22 BTU/hr	24 BTU/hr	29 BTU/hr
Physical Information			
Mounting	Panel Mount	Panel Mount	Panel Mount
Net Weight	4.4 lbs / 2 kg	6.6 lbs / 2.9 kg	7.0 Lbs / 3 Kg
Physical Dimension (W x H x D)	8.5 x 6.20 x 1.98 inch 215.9 x 157.5 x 50.4 mm	9.70 x 7.50 x 2.00 inch 246.4 x 190.5 x 50.9 mm	11.50 x 8.80 x 2.10 inch 292.1 x 223.5 x 53.3 mm
Recommended Cutout	7.69 x 5.37 inch	8.95 x 6.80 inch	10.75 x 8.10 inch
Dimension (WxH)	195.2 x 136.3 mm	227.2 x 172.6 mm	273.1 x 205.7 mm
Environmental			
Operating Temp	0~50°C (32~122°F) VHB Version0~35°C (32~95°F)	0~35°C (32~95°F) VHB Version0~35°C (32~95°F)	0~35°C (32~95°F) VHB Version0~35°C (32~95°F)
Storage Temp	-20~60°C (-4~140°F)	-20~60°C (-4~140°F)	-20~60°C (-4~140°F)
Relative Humidity	5% to 95% (non-condensing)	5% to 95% (non-condensing)	5% to 95% (non-condensing)
IP/NEMA Rating	Bezel meets NEMA 4/4X requirement	Bezel meets NEMA 4/4X requirement	Bezel meets NEMA 4/4X requirement
Certification	CE, UL 508	CE, UL 508	CE, UL 508



PRODUCT SPECIFICATIONS	ADM-1815AP	ADM-1817AP	ADM-1818AP
LCD Display			
Display Size (Diagnol)	15 inch	17 inch	18.5 inch
Resolution	1024 x 768	1280 x 1024	1366 x 768
Backlight Lifetime (Hours)	50,000 hours	50,000 hours	50,000 hours
Visual Characteristics			
Colors	16.7 million	16.2 millions	16.2 millions
Aspect ratio	4:3	5:4	16:9
Viewing angle (V/H)	140° / 160°	140° / 160°	170° / 160°
Response time (Typical)	8ms	30 ms	5 ms
Pixel Pitch (mm)	0.264 x 0.264	0.264 x 0.264	0.300 x 0.300
Contrast ratio	700 : 1	800 : 1	1000 : 1
Brightness	300 nits (1000 nits* Very High Brightness Version)	350 nits (1000 nits* Very High Brightness Version)	300 nits (1000 nits* Very High Brightness Version)
Input Interface			
VGA	Yes	Yes	Yes
DVI	Yes	Yes	Yes
HDMI	N/A	N/A	N/A
Display Port	N/A	N/A	N/A
CVBS	N/A	N/A	N/A
YPbPr	N/A	N/A	N/A
Touch Screen			
Technology	5 Wire Resistive	5 Wire Resistive	5 Wire Resistive
Touch Rating	35 million touches	35 million touches	35 million touches
MTBF	490,000 hours	490,000 hours	490,000 hours
Interface	RS-232, USB	RS-232, USB	RS-232, USB
Driver	Win XP pro, Win XPe, Win 7 & up	Win XP pro, Win XPe, Win 7 & up	Win XP pro, Win XPe, Win 7 & up
Front Bezel			
NEMA 4	Black Powder Coated	Black Powder Coated	Black Powder Coated
NEMA 4x	Stainless Steel(Optional)	Stainless Steel	Stainless Steel
Power/Thermal Specs			
Power Requirement (Max)	12VDC / 0.88A, 24VDC / 0.44A	12VDC / 1.05A, 24VDC / 0.53A	12VDC / 0.80A, 24VDC / 0.41A
Power Consumption (Max)	11 W	13 W	9.8 W
Recommended Power Supply	15 W	18 W	14 W
Heat Dissipation	36 BTU/hr	43 BTU/hr	34 BTU/hr
Physical Information			
Mounting	Panel Mount	Panel Mount	Panel Mount
Net Weight	11 lbs / 4.98 kg	14 lbs / 6.35 kg	17.6 lbs / 8 kg
Physical Dimension (W x H x D)	14.51 x 11.80 x 1.89(*3.22) inch 368.6 x 299.8 x 48.0(*81.9) mm (*depth including power adaptor)	15.88 x 13.34 x 2.08(*3.42) inch 403.4 x 338.8 x 52.8(*86.9) mm (*depth including power adaptor)	19.00 x 12.21 x 1.93 inch 482.6 x 310.1 x 49.0 mm
Recommended Cutout	13.76 x 11.13 inch	15.05 x 12.51 inch	17.41 x 11.00 inch
Dimension (WxH)	349.5 x 282.7 mm	382.3 x 317.8 mm	442.2 x 279.4 mm
Environmental			
Operating Temp	0~50°C (32~122°F) VHB Version0~35°C (32~95°F)	0~35°C (32~95°F) VHB Version0~35°C (32~95°F)	0~35°C (32~95°F) VHB Version0~35°C (32~95°F)
Storage Temp	-20~60°C (-4~140°F)	-20~60°C (-4~140°F)	-20~60°C (-4~140°F)
Relative Humidity	5% to 95% (non-condensing)	5% to 95% (non-condensing)	5% to 95% (non-condensing)
IP/NEMA Rating	Bezel meets NEMA 4/4X requirement	Bezel meets NEMA 4/4X requirement	Bezel meets NEMA 4/4X requirement
Certification	CE, UL 508	CE, UL 508	CE, UL 508



PRODUCT SPECIFICATIONS	ADM-1819AP	ADM-1821AP	ADM-1824AP
LCD Display			
Display Size (Diagnol)	19 inch	21.5 inch	24 inch
Resolution	1280 x 1024	1920 x 1080	1920 x 1080
Backlight Lifetime (Hours)	50,000 hours	50,000 hours	50,000 hours
Visual Characteristics			
Colors	16 million	16.7 millions	16.7 millions
Aspect ratio	5:4	16:9	16:9
Viewing angle (V/H)	178° / 178°	178° / 178°	178° / 178°
Response time (Typical)	20ms	14 ms	25 ms
Pixel Pitch (mm)	0.294 x 0.294	0.248 x 0.248	0.276 x 0.276
Contrast ratio	700 : 1	1000 : 1	5000 : 1
Brightness	450 nits (1000 nits* Very High Brightness Version)	250 nits (1000 nits* Very High Brightness Version)	250 nits (1000 nits* Very High Brightness Version)
Input Interface			
VGA	Yes	Yes	Yes
DVI	Yes	Yes	Yes
HDMI	N/A	N/A	N/A
Display Port	N/A	N/A	N/A
CVBS	N/A	N/A	N/A
YPbPr	N/A	N/A	N/A
Touch Screen			
Technology	5 Wire Resistive	5 Wire Resistive	5 Wire Resistive
Touch Rating	35 million touches	35 million touches	35 million touches
MTBF	490,000 hours	490,000 hours	490,000 hours
Interface	RS-232, USB	RS-232, USB	RS-232, USB
Driver	Win XP pro, Win XPe, Win 7 & up	Win XP pro, Win XPe, Win 7 & up	Win XP pro, Win XPe, Win 7 & up
Front Bezel			
NEMA 4	Black Powder Coated	Black Powder Coated	Black Powder Coated
NEMA 4x	Stainless Steel(Optional)	Stainless Steel	Stainless Steel
Power/Thermal Specs			
Power Requirement (Max)	12VDC / 1.05A, 24VDC / 0.53A	12VDC / 1.23A, 24VDC / 0.61A	12VDC / 1.75A, 24VDC / 0.88A
Power Consumption (Max)	12.6 W	15 W	21 W
Recommended Power Supply	18 W	21 W	30 W
Heat Dissipation	43 BTU/hr	51 BTU/hr	72 BTU/hr
Physical Information			
Mounting	Panel Mount	Panel Mount	Panel Mount
Net Weight	17 lbs / 7.71 kg	20 lbs / 9.07 kg	20 lbs / 9.07 kg
Physical Dimension (W x H x D)	17.80 x 14.60 x 2.39(*3.72) inch 452.1 x 370.8 x 60.7(*94.5) mm (*depth including power adaptor)	20.98 x 12.99 x 2.00 inch 533.0 x 330.0 x 50.8 mm	23.91 x 14.50 x 1.81 inch 607.3 x 368.3 x 46.1 mm
Recommended Cutout Dimension (WxH)	16.81 x 13.61 inch 427.0 x 345.7 mm	19.92 x 12.35 inch 506.0 x 313.7 mm	23.22 x13.80 inch 589.8 x 350.5 mm
Environmental			
Operating Temp	0~50°C (32~122°F) VHB Version0~35°C (32~95°F)	0~35°C (32~95°F) VHB Version0~35°C (32~95°F)	0~35°C (32~95°F) VHB Version0~35°C (32~95°F)
Storage Temp	-20~60°C (-4~140°F)	-20~60°C (-4~140°F)	-20~60°C (-4~140°F)
Relative Humidity	5% to 95% (non-condensing)	5% to 95% (non-condensing)	5% to 95% (non-condensing)
IP/NEMA Rating	Bezel meets NEMA 4/4X requirement	Bezel meets NEMA 4/4X requirement	Bezel meets NEMA 4/4X requirement
Certification	CE, UL 508	CE, UL 508	CE, UL 508

