



## AHD 430

4.3" LCD LED Touchscreen Display

### Specifications

Panel	4.3" LCD LED Touchscreen, sunlight readable		
Resolution	480 x 272 Pixel/272 x 480 Pixel		
Luminosity	450 cd/m <sup>2</sup> LED		
Contrast	350:1		
Viewing angle	Horizontal: 160°	Vertical: 160°	
Power supply	12/24 V DC (+30%/-25%)		
Power consumption	0.2 A (24 V)		
Interfaces	2 x CAN, RS 485		
Dimensions	Width: 90 mm	Height: 130 mm	Depth: 30 mm
Weight	approx. 0.5 kg		
Degree of protection	IP 56 (front)/IP 56 (back)		
Operating temperature	-30°C ... +70°C		
Storage temperature	-30°C ... +85°C		
Approvals	in preparation		



**AHD 570**  
5.7" LCD LED Color Display

## Specifications

Panel	5.7" LCD LED, sunlight readable		
Resolution	640 x 480 Pixel		
Luminosity	500 cd/m <sup>2</sup> LED / Optional: 1000 cd/m <sup>2</sup>		
Contrast	250:1		
Viewing angle	Horizontal: 100°	Vertical: 140°	
Power supply	12/24 V DC (+30%/-25%)		
Power consumption	1.0 A (24 V)		
Interfaces	1 x CAN		
Dimensions	Width: 144 mm	Height: 144 mm	Depth: 43 mm
Weight	approx. 0.5 kg		
Degree of protection	IP 56 (front)/IP 56 (back)		
Operating temperature	-30°C ... +70°C		
Storage temperature	-30°C ... +85°C		
Approvals	GL, LR, BV, DNV, ABS, RMRS, RINA, CRS, RS		



## AHD 880 G

8.8" LCD Touchscreen Display

### Specifications

Panel	8.8" LCD color display		
Resolution	640 x 240 Pixel		
Luminosity	250 cd/m <sup>2</sup> transfective		
Viewing angle	Horizontal: 40°/50°	Vertical: 35°/45°	
Power supply	12/24 V DC (+30%/-25%)		
Power consumption	700 mA (24 V DC)		
Interfaces	3 x CAN, RS 232, Video-In (Composite PAL 50 Hz)		
Dimensions	Width: 270 mm	Height: 130 mm	Depth: 77,3 mm
Weight	approx. 2 kg		
Degree of protection	IP 66 (front)/IP 22 (back)		
Operating temperature	-30°C ... +70°C		
Storage temperature	-30°C ... +85°C		
Approvals	GL, LR		



## AHD 1310 F

10" LCD LED Touchscreen Panel PC

### Specifications

Panel	10.4" LED, sunlight readable		
Resolution	1024 x 768 Pixel		
Luminosity	1000 cd/m <sup>2</sup> LED		
Contrast	600:1		
Viewing angle	Horizontal: 178°	Vertical: 178°	
Power supply	24 V DC (+30%/-25%)		
Power consumption	2 A (24 V DC)		
Interfaces	CAN, 2 x LAN		
Dimensions	Width: 280 mm	Height: 240 mm	Depth: 107 mm
Weight	approx. 7 kg		
Degree of protection	IP 56 (front)/IP 20 (back)		
Operating temperature	-30°C ... +55°C (up to +70°C at console temperature of max. +45°C)		
Storage temperature	-50°C ... +80°C		
Approvals	in preparation		



## AHD 1310 G

10" LCD LED Touchscreen Panel PC

### Specifications

Panel	10.4" LED, sunlight readable		
Resolution	1024 x 768 Pixel		
Luminosity	1000 cd/m <sup>2</sup> LED		
Contrast	600:1		
Viewing angle	Horizontal: 178°	Vertical: 178°	
Power supply	24 V DC (+30%/-25%)		
Power consumption	2 A (24 V DC)		
Interfaces	CAN, 2 x LAN		
Dimensions	Width: 280 mm	Height: 240 mm	Depth: 107 mm
Weight	approx. 7 kg		
Degree of protection	IP 56 (front)/IP 20 (back)		
Operating temperature	-30°C ... +55°C (up to +70°C at console temperature of max. +45 °C)		
Storage temperature	-50°C ... +80°C		
Approvals	in preparation		



## AHD 1215 G

15" LCD LED Touchscreen Panel PC

### Specifications

Panel	15" LCD		
Resolution	1024 x 768 Pixel		
Luminosity	1400 cd/m <sup>2</sup> LED		
Contrast	1500:1		
Viewing angle	Horizontal: 70°/40°	Vertical: 70°/70°	
Power supply	24 V DC (+30%/-25%)		
Power consumption	approx. 60 W (24 V DC)		
Interfaces	6 x CAN, RS 232, 2 x LAN, 2 x USB, Video-In, Digital-In/Out		
Dimensions	Width: 384 mm	Height: 324 mm	Depth: 107 mm
Weight	approx. 10 kg		
Degree of protection	IP 66 (front)/IP 20 (back)		
Operating temperature	-30°C ... +55°C (up to +70°C at console temperature of max. +45 °C)		
Storage temperature	-30°C ... +85°C		
Approvals	(in preparation) GL, LR, BV, DNV, ABS, RMRS, RINA, CRS		



**AHD 1219 G**  
19" LCD LED Touchscreen Panel PC

## Specifications

Panel	19" LCD		
Resolution	1280 x 1024 Pixel		
Luminosity	1000 cd/m <sup>2</sup> LED		
Contrast	2000:1		
Viewing angle	Horizontal: 89°/89°	Vertical: 89°/89°	
Power supply	24 V DC (+30%/-25%)		
Power consumption	approx. 60 W (24 V DC)		
Interfaces	6 x CAN, RS 232, 2 x LAN, 2 x USB, Video-In, Digital-In/-Out		
Dimensions	Width: 454 mm	Height: 384 mm	Depth: 107 mm
Weight	approx. 12 kg		
Degree of protection	IP 66 (front)/IP 20 (back)		
Operating temperature	-30°C ... +55°C		
Storage temperature	-30°C ... +85°C		
Approvals	(in preparation) GL, LR, BV, DNV, ABS, RMRS, RINA, CRS		



## AHD 1224 G

24" LCD LED Panel PC

### Specifications

Panel	24" LCD		
Resolution	1920 x 1080 Pixel		
Luminosity	1000 cd/m <sup>2</sup> LED		
Contrast	1500:1		
Viewing angle	Horizontal: 89°/89°	Vertical: 89°/89°	
Power supply	24 V DC (+30%/-25%)		
Power consumption	approx. 60 W (24 V DC)		
Interfaces	6 x CAN, RS 232, 2 x LAN, 2 x USB, Video-In, Digital-In/-Out		
Dimensions	Width: 620 mm	Height: 390 mm	Depth: 107 mm
Weight	approx. 15 kg		
Degree of protection	IP 66 (front)/IP 20 (back)		
Operating temperature	-30°C ... +55°C		
Storage temperature	-30°C ... +85°C		
Approvals	(in preparation) GL, LR, BV, DNV, ABS, RMRS, RINA, CRS		





## AHD 1312 GW

12.3" LCD LED Touchscreen Display

### Specifications

Panel	12.3" LCD LED		
Resolution	1280 x 480 Pixel		
Luminosity	1000 cd/m <sup>2</sup>		
Viewing angle	Horizontal: 178°	Vertical: 178°	
Power supply	12/24 V DC (+30%/-25%)		
Power consumption	max. 700 mA (24 V DC)		
Interfaces	3 x CAN, RS 232, Video-In (Composite PAL 50 Hz)		
Dimensions	Width: 353 mm	Height: 160 mm	Depth: 77.3 mm
Weight	approx. 2 kg		
Degree of protection	IP 66 (front)/IP 22 (back)		
Operating temperature	-30°C ... +70°C		
Storage temperature	-30°C ... +85°C		
Approvals	in preparation		



## AHD 1319 GW

19" LCD LED Touchscreen Display

### Specifications

Panel	19" LCD LED		
Resolution	1920 x 388 Pixel		
Luminosity	1000 cd/m <sup>2</sup>		
Viewing angle	Horizontal: 178°	Vertical: 178°	
Power supply	12/24 V DC (+30%/-25%)		
Power consumption	max. 700 mA (24 V DC)		
Interfaces	1 x CAN, 2 x LAN, 4 x Video-In (Composite PAL 50 Hz)		
Dimensions	Width: 431 mm	Height: 120 mm	Depth: 77,3 mm
Weight	approx. 2 kg		
Degree of protection	IP 66 (front)/IP 22 (back)		
Operating temperature	-30 °C ... +70 °C		
Storage temperature	-30 °C ... +85 °C		
Approvals	in preparation		