PRODUCT FEATURES:

- 7" Wide Format, Heavy Duty Color LCD Panel
- Energy Efficient White LED Backlight
- Aspect Ratio: 16:9
- Camera Inputs: 3
- Contrast Ratio: 300:1
- Brightness: 500 NIT
- View Angles (V/H): 100/120
- Anti-glare/Anti-scratch protective lens
- Integrated audio speaker
- NTSC and PAL video signal compatible
- Manual (pushbutton) or automatic (trigger) source selection
- Turn-signal (pulsed DC) compatible trigger inputs (AV2, AV3)
- Auto power on (standby)
- Auto Day/Night brightness modes
- On Screen Display (OSD) for AV source, picture adjustment and volume level
- Non-volatile memory for picture and volume adjustment settings
- Removable sun-visor included
- Multiple mounting options (AMPS compatible)
7" Three Camera LCD Observation Monitor

**AOM713**

**TECHNICAL DATA**

2/25/10

AOM713 - 7" Color LCD 3-Camera Observation Monitor

**VOL UME**

Axxxxxxxxxx

AO M 71 3

7" Color TFT LCD

3 Camera Monitor

Made in Taiwan

RoHS 2002/95/EC

Operating Voltage 9-30 VDC

Maximum Current Draw at 12 VDC 600 mA

www.asainelectronics.com

**FEATURES:**

- 7" Wide Format, High Performance Color LCD Panel
- Energy Efficient White LED Backlight
- Back-lit controls
- Integrated audio speaker
- NTSC and PAL video signal compatible
- Three camera (A/V) inputs
- Manual (pushbutton) or automatic (trigger) source selection
- Turn-signal (pulsed DC) compatible trigger inputs (AV2, AV3)
- Auto power on (standby)
- Day/Night brightness modes
- On Screen Display (OSD) for AV source, picture adjustment and volume level
- Non-volatile memory for picture and volume adjustment settings
- Removable sun-visor included
- Multiple mounting options (AMPS compatible)
- e-Mark certified

**SPECIFICATIONS:**

**General Specifications:**

<table>
<thead>
<tr>
<th>Power System</th>
<th>12VDC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Voltage Range</td>
<td>9V ~ 30V</td>
</tr>
<tr>
<td>Current Draw @ 12V</td>
<td>Idle 90mA, Nominal 500mA, Maximum 850mA</td>
</tr>
<tr>
<td>Operating Temperature Range</td>
<td>-4°C to 149°F</td>
</tr>
<tr>
<td>Storage Temperature Range</td>
<td>-40°C to 176°F</td>
</tr>
<tr>
<td>Maximum Relative Humidity</td>
<td>85%</td>
</tr>
<tr>
<td>Overall Dimensions (inches)</td>
<td>7.75(W) x 5.25(H) x 1.25(D)</td>
</tr>
<tr>
<td>Product Weight (unpackaged)</td>
<td>1.43 lbs</td>
</tr>
</tbody>
</table>

**Performance Specifications:**

| Video / Display System | NTSC/PAL |
| Video Input Signal (Composite) | 1V P-P @ 75Ω |
| Audio Output | 1W |

**Diagonal Size** 7"

**Resolution** 480 x 234

**Brightness** 450 nit

**Contrast Ratio** 400:1

**View Angles**

| Top | 55° |
| Bottom | 65° |
| Left | 70° |
| Right | 70° |

**Display Format (aspect ratio)** Analog 16:9

**Response Time**

| Rise | 15ms |
| Fall | 20ms |

**Backlight Type** LED

**Backlight Life (min)** 20,000 Hours

Features and specifications subject to change without notice.