

**SMT-3232A 32" LED Monitor****TECHNICAL SPECIFICATIONS****SECURITY SYSTEM****DIVISION – 28 ELECTRONIC SAFETY AND SECURITY****LEVEL 1 28 20 00 ELECTRONIC SURVEILLANCE****LEVEL 2 28 23 00 VIDEO SURVEILLANCE****LEVEL 3 28 23 29 VIDEO SURVEILLANCE REMOTE DEVICES AND SENSORS****PART 2 – PRODUCTS****2.01 GENERAL**

- A. All equipment and materials used shall be standard components that are regularly manufactured and used in the manufacturer's system.
- B. All systems and components shall have been thoroughly tested and proven in actual use.
- C. All systems and components shall be provided with the availability of a toll-free (U.S. and Canada), 24-hour technical assistance program (TAP) from the manufacturer. The TAP shall allow for immediate technical assistance for either the dealer/installer or the end user at no charge for as long as the product is installed.

**2.02 SMT-3232A 32" LED Monitor**

- A. This monitor supports resolution up to 1920x1080.
- B. This monitor has contrast ratio of 5000:1.
- C. The response time of this monitor is 8ms.
- D. This monitor supports various video input such as HDMI, DVI, VGA, and Component (CVBS Common).
- E. This monitor can be controlled remotely by Ethernet or RS-232C.
- F. This monitor features Magicinfo Player; software which enables users to schedule and play various media files stored on internal hard drive, remote server or USB.
- G. This monitor can be used to form Video Wall.

**2.03 Display**

|                        |               |
|------------------------|---------------|
| A. Type                | LED           |
| B. Screen Size         | 32"           |
| C. Max. Resolution     | 1,920 x 1,080 |
| D. Brightness          | 350cd/m2      |
| E. Contrast Ratio      | 5,000 : 1     |
| F. Aspect Ratio        | 16 : 9        |
| G. Viewing Angle (H/W) | 178° / 178°   |
| H. Display Color       | 16.7million   |
| I. Response Time       | 8ms           |
| J. Video System        | NTSC / PAL    |
| K. Panel Life          | 50,000hours   |

**2.04 Interface**

|              |                  |                                         |
|--------------|------------------|-----------------------------------------|
| A. Video     | Connector        | VGA, DVI, HDMI, Component (CVBS common) |
| B. RGB / DVR | Connector        | Analogue D-sub (15 pin), DVI-D          |
|              | Input Signal     | 0.7Vpp ±5%                              |
|              | Available Format | 640 x 480@60Hz/66Hz/72Hz/75Hz (VGA),    |

|                                   |                                                                                                                                                       |                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                   |                                                                                                                                                       |                                                                                                                                                                                                                    | 720 x 400@70Hz,<br>800 x 600@56Hz/60Hz/72Hz/75Hz (SVGA),<br>832 x 624@75Hz,<br>1,024 x 768@60Hz/70Hz/75Hz (XGA),<br>1,152 x 864@75Hz,<br>1,280 x 720@60Hz, 1,280 x 800@60Hz,<br>1,280 x 1,024@60Hz/75Hz (SXGA),<br>1,366 x 768@60Hz,<br>1,440 x 900@60Hz, 1,600 x 900@60Hz,<br>1,680 x 1,050@60Hz, 1,920 x 1,080@60Hz |
| C. HDMI                           | Connector<br>Available Format                                                                                                                         | HDMI                                                                                                                                                                                                               | 640 x 480p@60Hz, 720 x 480i@60Hz,<br>720 x 480p@60Hz, 720 x 576i@50Hz,<br>720 x 576p@50Hz, 1,280 x 720p@50Hz/60Hz,<br>1,920 x 1,080i@50Hz/60Hz,<br>1,920 x 1,080p@50Hz/60Hz                                                                                                                                           |
| D. Audio                          | Connector<br>Speaker                                                                                                                                  | Stereo mini jack<br>10W x 1                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                       |
| E. Multiple Display Control       |                                                                                                                                                       | RS-232C / RJ-45                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                       |
| F. Application Support            |                                                                                                                                                       | Remote controller                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                       |
| <b>2.05 On Screen Display</b>     |                                                                                                                                                       |                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                       |
| A. Language                       |                                                                                                                                                       |                                                                                                                                                                                                                    | Chinese (Simplified), English, French, German, Italian,<br>Korean, Polish, Portuguese, Russian, Spanish,<br>Swedish                                                                                                                                                                                                   |
| <b>2.06 General</b>               |                                                                                                                                                       |                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                       |
| A. Electrical                     | Input Voltage<br>Power<br>Consumption                                                                                                                 | 100 ~ 240V AC (±10%) (50/60Hz)<br>Max. 77W                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                       |
| B. Environment                    | Functions<br>Operating Temperature<br>Operating Humidity                                                                                              | VESA™ DPM compatible<br>0 ~ +40°C (+32°F ~ +104°F)<br>10% ~ 80% (Non-condensing)                                                                                                                                   |                                                                                                                                                                                                                                                                                                                       |
| C. Mechanical                     | Dimensions with Stand (WxHxD)<br>Dimensions without Stand (WxHxD)<br>Bezel Size<br>Weight<br>Cabinet Color<br>Wall Mounts<br>VESA Mounts<br>Interface | 736.0 x 506.0 x 311.0mm<br>(23.98" x 19.92" x 12.24")<br>721.4 x 420.3 x 49.9mm<br>(28.4" x 116.55" x 1.96")<br>Top 10.5mm (0.41") / Bottom 15.0mm (0.59")<br>4.8Kg (10.58 lb)<br>Black<br>Optional<br>200 x 200mm |                                                                                                                                                                                                                                                                                                                       |
| D. Accessory                      | BNC Input Cable (Gender)<br>Foot Stand                                                                                                                | Stereo to RCA & BNC cable<br>SBM-3240OST (Optional)                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                       |
| <b>2.07 Feature</b>               |                                                                                                                                                       |                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                       |
| A. Internal Player (Embedded H/W) | Processor<br>Main Memory<br>Storage (FDM)<br>IO Ports                                                                                                 | -Cortex-A9 1GHz Quad Core CPU<br>1.5GB 48bit DDR3-933 (1866MHz)<br>8GB (2.65GB occupied by O/S, 5.35GB available)<br>USB 2.0                                                                                       |                                                                                                                                                                                                                                                                                                                       |

|                       |                  |                                                        |
|-----------------------|------------------|--------------------------------------------------------|
|                       | Operating System | Linux                                                  |
| B. Network Connection |                  | Wi-Fi module embedded (Wi-Fi direct, Screen mirroring) |