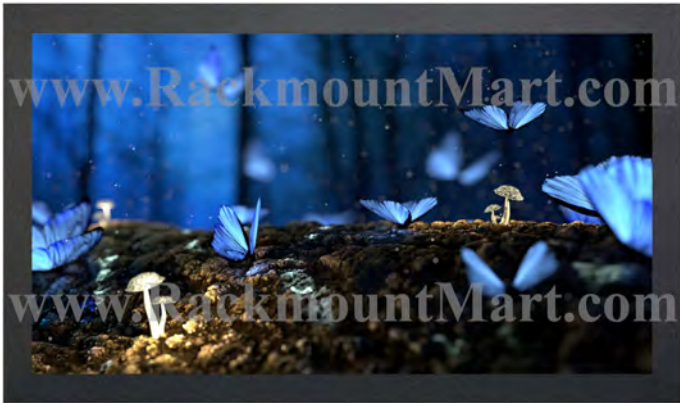


4K^{UHD}

Key Benefits

- ▶ 3840 x 2160@60Hz native UHD resolution
- ▶ 1920 x 1080 & 1920 x 1200 resolution support
- ▶ 1.07 billion colors (10-bit)
- ▶ PIP Sub-screen & PBP Dual-screen viewing efficiency
- ▶ Display port 1.2 + HDMI 1.4 + HDMI 2.0 video input
- ▶ Video decoding capability up to 1080p (option)
- ▶ Rugged structure ensures high mobility
- ▶ IP65 front protection (option)
- ▶ Professional-use durability & around-the-clock operation

Applications

- Broadcasting / Advertising
- Traffic control / Command center
- Directory / Ticket kiosk
- Surveillance system
- Vehicle mount display
- Bathroom TV

Options

Video Management & Transmission over Network

- Embedded HDMI Decoder Module 1080p over IP
- Embedded HDMI Receiver Module 1080p
- Embedded HDMI Quad Display Module 1080p
- Embedded Multi Monitor OSD Control Module over serial
- Embedded 3G / HD / SD-SDI Input Module
- 12G / 4K60 / SD-SDI Input Module
- Embedded Portrait Mode Module

Bezel & Frame Customization

- Dimension
- Color & Treatment
- Screen Printing
- Stainless Steel Bezel

Touchscreen & Glass Protection

- IP65 front protection
- Anti-reflective Glass
- Vandal Proof Glass

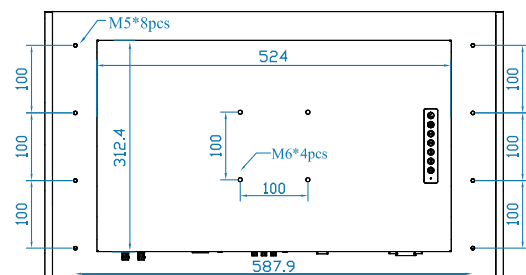
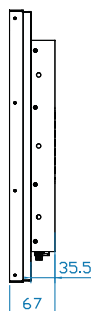
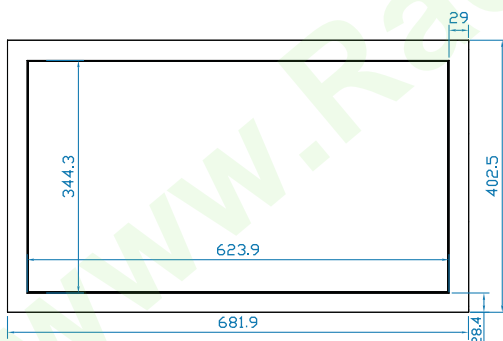
DC Power & connector

- 12V / 24V / 48V / 110V / 125V / 250VDC
- MIL-type or lockable connector

Mounting

- VESA mount kit
- Desktop stand
- Wall mount

Diagrams (mm)



Product Specifications

| LCD Panel | |
|---------------------------------|----------------------|
| Panel size (diagonal) | 28-inch |
| Native resolution | 3840 x 2160 @ 60Hz |
| Brightness (cd/m ²) | 300 |
| Contrast ratio (typ.) | 1000 : 1 |
| Colors | 1.07 Billion, 10-bit |
| Viewing angle (L/R/U/D) | 85/85/80/80 |
| Response time (ms) | 5 |
| Dot pitch (mm) | 0.181 |
| Display area (mm) | 620.93H x 341.28V |
| Surface treatment | Anti-glare |
| Surface hardness | 3H |
| Backlight type | LED |
| MTBF (hrs) | 30,000 |

| Video | |
|--------------|--|
| Digital : | |
| Display port | DP 1.2 / HDCP 1.3 |
| HDMI | HDMI 2.0 / HDCP 2.2 HDMI 1.4 / HDCP 1.4 |

| Audio | |
|--------------------------|-------------------|
| Audio output : | |
| Connector | 3.5mm stereo jack |
| Resistance / Power level | 30kΩ / 2.8V |
| Speaker : | |
| Dual stereo speaker | 10W x 2 |

When the audio output is connected, speaker output is OFF

| Power | |
|-------------------|---------------------------------------|
| Input | Auto-sensing 100 to 240VAC, 50 / 60Hz |
| Consumption : | |
| Screen on | Max. 52W |
| Power saving mode | Max. 9W |
| Power button on | Max. 2W |

| Environment | |
|------------------------|------------------------------------|
| Operating temp. | 0 to 55°C degree |
| Storage temp. | -20 to 60°C degree |
| Operating humidity | 20~90%, non-condensing |
| Storage humidity | 5 ~90%, non-condensing |
| Operating altitude | 16,000 ft |
| Non-operating altitude | 40,000 ft |
| Shock | 10G acceleration (11ms duration) |
| Vibration | 10~300Hz 0.5G RMS random vibration |

| Design | ID-K28Dw |
|-------------|-----------------|
| Protection | front cover |
| Front panel | Black, RAL 9005 |
| Rear casing | Black, RAL 9005 |

| Mounting | ID-K28Dw |
|-----------------|--------------|
| VESA mount | 100 x 100 mm |
| Universal mount | - |
| Desktop stand | option |
| Wall mount | option |

| Physical | ID-K28Dw |
|-----------------------|--------------------|
| Product (W x D x H) : | |
| mm | 681.9 x 67 x 402.5 |
| inch | 26.8 x 2.6 x 15.8 |
| Net weight | 14.8 kg / 32.6 lb |

| Compliance | |
|-------------|-------------------------|
| EMC | FCC & CE certified |
| Safety | CE / LVD certified |
| Environment | RoHS2 & REACH compliant |

| Applicable Format | | |
|--------------------|--------------|--|
| Display port input | PC signal | 3840 x 2160 x 60Hz 1920 x 1080 x 60Hz 1920 x 1200 x 60Hz 1600 x 1200 x 60Hz 1280 x 1024 x 60 / 75Hz 1024 x 768 x 60 / 70 / 75Hz 800 x 600 x 60 / 72 / 75Hz 720 x 400 x 70Hz 640 x 480 x 60 / 72 / 75Hz |
| | Audio signal | 2ch Linear PCM |
| HDMI input | HDMI 2.0 | Same as Display port |
| | HDMI 1.4 | 3840 x 2160 x 30 Hz 1920 x 1080 x 50 / 60Hz (1080p) 1920 x 1080 x 25 / 30Hz (1080i) 1280 x 720 x 50 / 60Hz (720p) 720 x 480 x 50 / 60Hz (576p / 480p) |
| | Audio signal | 2ch Linear PCM |