**vantage**
keeping you safe

# DUAL IMAGING TEMPERATURE DETECTING
## THERMAL CAMERA WITH ALARM

# VP-NC300SA-HTHD8
### HAND-HELD TEMPERATURE DETECTION CAMERA



## FEATURES

High precision body temperature measurement algorithm

Dual imaging technology; thermal module resolution $160 \times 120$

3.5" TFT LCD touch screen color display

Temperature detection range of 20°C to 50°C with accuracy of ±0.3 °C ~ ±0.6 °C

Built-in rechargeable battery and micro SD card slot for storage

Portable solution for quick screening of people for epidemic fever control

Long-distance fever detection method reduces risk of catching infection through physical contact

Generates alarm and captures video/images on fever detection

Connects with larger screen display for real-time monitoring

| 3.5"TFT Display | Battery Backup | SD Card | Body Temperature Detection | Temperature Alarm |
|---|---|---|---|---|

CE FC RoHS

## VP-NC300SA-HTHD8

| | | |
|---|---|---|
| **Thermal Module** | Detector Type | Uncooled focal plane microbolometer |
| | Pixel | 160 × 120 |
| | Cell spacing | 25μm |
| | Response Waveband | 8 μm to 14 μm |
| | Sampling frequency | 50Hz |
| | Thermal sensitivity | 0.06℃@30℃ |
| **Lens** | Focus | Manual focus adjustment |
| | Interface | Bayonet connection |
| | Field of View | 25° × 19° (H × V) |
| | Min.Object Distance | 10 cm |
| **Visible Camera** | Spatial Resolution | 2.72mrad |
| | Resolution | 1280x960 |
| | LED Type | Built in LED to light |
| | Video Signal | PAL / NTSC, optional |
| **Image** | LCD | 3.5" TFT LCD |
| | LCD Resolution | 640 × 480 |
| | LCD Screen Type | Touch Screen |
| | Color palette | 11 color palettes to choose from |
| | Image Display | Color / Monochrome |
| | Image adjustment | Auto / manual adjustment of contrast, brightness, auto-enhancement mode |
| **Measurement** | Temperature measurement Range | +20℃~+50℃ |
| | Temperature measurement accuracy | ±0.3℃ |
| | Temperature Calibration | Auto / manual |
| | Measurement Mode | Full screen maximum temperature tracking, temperature alarm (sound, color) |
| | Emissivity Correction | Adjustable from 0.01 to 1.0 (in increments of 0.01) |
| | Background Temperature Correction | Automatic |
| | Atmospheric transmittance Correction | Automatic, based on entered distance, ambient humidity and ambient temperature |
| | Setting Function | Date / time, temperature unit ℃ / ℉ / K, language, contrast / brightness, LCD backlight, IP address |
| **Storage** | Onboard Storage | Micro SD card slot, support up to max. 32GB |
| | Storage Method | Manual / automatic |
| | Thermal Image Format | JPEG |
| | Visible light Image Format | H.264 |
| | Voice Note | JPEG, H.264, including fusion |
| | Text Comment | 60 seconds |
| | File Directory | Customize |
| **Power Supply** | Battery type | Li-on battery, rechargeable |
| | Operation Time | Continuous working for more than 4 hours (LCD brightness 50%, when LED lighting is off) |
| | Charging | Smart charger or random (AC power adapter or 12V car power supply) |
| | Charging Duration | 1.5 hours |
| | Energy Saving Mode | Auto sleep , auto shut down |

## TECHNICAL SPECIFICATIONS

### VP-NC300SA-HTHD8

| | | |
|---|---|---|
| Interface | Memory Card Slot | Micro SD (TF) card holder |
| | Power Interface | Yes (DC12V) |
| | Video Output | CVBS |
| Others | Microphone | Built-in |
| | Buzzer | Built-in |
| | Tripod Thread | 1/4" -20-UNC |
| | Handrail | Can be installed on both sides |
| | Sunshade | Yes, optional |
| Environmental | Working Temperature | 0°C to 35°C |
| | Storage Temperature | -40°C to + 70°C |
| | Operating Humidity | 95% or less (non-condensing) |
| | Protection Grade | IP54 |
| | Shock Resistance | 25g，IEC68-2-29 |
| | Vibration Resistance | 2g，IEC68-2-6 |
| | Drop Test | Up to 2m |
| Mechanical | Dimensions | 105x230x245mm |
| | Weight | 980g |
| Temperature Accuracy Amplifier (Optional) | Temperature | 37℃ |
| | Accuracy | 0.2℃ |
| | Effective Radiation Plane | 80mm(HT40)、70mm(other model) |
| | Working Temperature | 0°C~ 35°C |
| | Operating Humidity | 80% or less (non-condensing) |
| | Power | 220VAC 50Hz |
| | Effective Emission | 0.96 |
| | Dimension | 249x173x191mm |
| Certifications | Certifications | CE, FCC, RoHS |

*Exact products and specifications shown may vary by geographic region and are subject to change without notice. Product image, weights and measurements are approximate and may vary.