



## Features

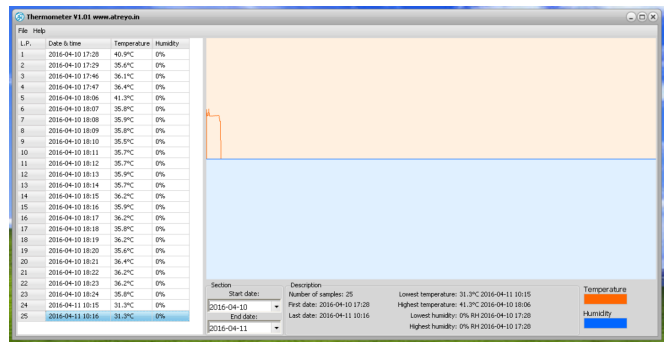
- Wide temperature and humidity range
- Multicolour big size LED display
- 2 years data log
- Alarm output
- Wide power supply range
- Log transfer by USB pendrive
- PC application for log view and export
- Multiple display mode

Thermolog ATL-V3-TH is temperature and humidity logger dedicated to applications where visual temperature control is needed and it is also necessary to save log to non-volatile

memory. Thermolog ATL-V3-TH has the ability to set the range of the permissible temperature. An alarm is triggered above and below the set temperature.

| Description             | Parameter                                   |
|-------------------------|---|
| Size of displaying area | 320×160mm (L x H)                           |
| Size of body of display | 32.5×16.5×46mm (L x H x W)                  |
| Intensity of Light      | Adjustable                                  |
| View mode               | 4 types                                     |
| Line height             | 8/16 pixel                                  |
| Temperature range       | -40~80°C                                    |
| Humidity range          | 0-100%RH                                    |
| Temperature resolution  | 0.1°C                                       |
| Humidity resolution     | 0.1%RH                                      |
| Temperature accuracy    | ±0.5°C from -10°C to +85°C                  |
| Humidity hysteresis     | ±0.3%RH                                     |
| Humidity accuracy       | ±2%RH (Max +-5%RH)                          |
| Configuration           | 3 key keypad                                |
| Connections             | USB for copy data log                       |
| Alarm output            | NO/NC potential free up to 230V and 3A load |

| Description                  | Parameter   |
|------------------------------|---|
| Supported sensor             | DHT22   |
| Modbus interface             | Optional (RS485)  |
| LOG capacity                 | 1 year with 1 minute interval                               |
| Power supply                 | 12V to 32V DC   |
| Powers consumption           | Maximum 20W<br>Average 8W                                   |
| Body material                | Powder coated aluminium                                     |
| Indicators                   | Power ON<br>Activity  |
| Cooling                      | Passive   |
| Other functions              | RTC   |
| Environmental Specifications | Operating Temperature: 0 to +70°C<br>Humidity: 5% to 95% RH |



## Copyright

Copyright © 2026 Atreyo Research and Development Pvt. Ltd. This technical specification is protected under national and international copyright laws. No part of this user manual may be reproduced, distributed, translated, or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording, or storing in any information storage and retrieval system, without the prior written permission of Atreyo Research and Development Pvt. Ltd.. Copy or use any part of this specifications is prohibited without the prior written permission from the Atreyo Research and Development Pvt. Ltd.

## Trademarks

Atreyo and the Atreyo logo are registered trademarks of Atreyo Research and Development Pvt. Ltd. All other trademarks and copyrights are the property of their respective owners.

## Disclaimer

- The information contained in this Technical Specification is provided "as is" and is subject to change without notice. While every effort has been made to ensure the accuracy and completeness of the information contained herein, Atreyo

Research and Development Pvt. Ltd. assumes no responsibility or liability for any errors or omissions.

- Images used in this specification may differ in appearance from the actual product.
- All dimensions mentioned in the drawings are not to scale and are subject to change and update as may be decided by the Atreyo Research and Development Pvt. Ltd.
- Atreyo Research and Development Pvt. Ltd. makes no warranties, either express or implied, regarding the contents of this document, including but not limited to the implied warranties of merchantability and fitness for a particular purpose.
- Users of this Technical Specification should verify the applicability and suitability of the information and procedures to their particular use. Atreyo Research and Development Pvt. Ltd. shall not be liable for any damages, including but not limited to direct, indirect, special, incidental, or consequential damages, arising from or related to the use or inability to use this Technical Specification or the products described herein.
- By using this Technical Specification, you agree to the terms and conditions stated above. Atreyo Research and Development Pvt. Ltd. has right to make additions, deletions, alterations or amendments as and when it deems fit and proper, without any prior notice.

Atreyo Research  
& Development Pvt. Ltd.

+91 9727741417  
info@atreyo.in

414, Sunrise Mall, Mansi Circle,  
Vastrapur  
Ahmedabad 380015, India