



**Stable, Efficient,
Safe & Reliable HMI**

Overview

A **Human-Machine Interface (HMI)** is a user-friendly interface or dashboard that enables interaction between a human operator and a machine, system, or device. While the term can broadly apply to any screen facilitating user-device interaction, it is most commonly associated with industrial environments. In such settings,

HMIs serve as critical tools for monitoring and controlling complex processes, displaying real-time data, issuing commands, and enhancing operational efficiency and safety.

Features

● Highly Powerful Performance Configuration

- ✓ Based on Linux system, the System is Stable, Efficient, Safe and Reliable
- ✓ Industrial Grade High Performance Cortex A8 Processor with Main Frequency up to 600MHz
- ✓ High Capacity 128MB FLASH+128MB DDR3
- ✓ Support Micro Printer

● Complete Interface Embedding

- ✓ Support Multiple Communication Methods (232/422/485)
- ✓ Support USB Download

● New Password Mechanism

- ✓ Configuration File Encryption
- ✓ Installment Payment, HMI Protection
- ✓ A Variety of Confidentiality Mechanisms, more Secure and Reliable

● Diversified Function Modules

- ✓ Support Multi-Group Recipe, Multi-Window Function
- ✓ Support Data Acquisition, Data Alarm Function
- ✓ Support Macro Instruction Based on C Language Development
- ✓ Support More than 300 Kinds of PLC communication Protocols
- ✓ Support 50 Kinds of Languages
- ✓ Rich Functions and Diversified Controls

● Strict quality control

- ✓ Pass FCC, ClassA, CE certification

Technical Specifications

| Model | Display size | Resoluton | Additonal Ports | | | |
|----------|--------------|-----------|-----------------|---------------|------|----|
| | | | USB-B | Ethernet Port | WIFI | 4G |
| BS-HM035 | 3.5''(4:3) | 320*240 | X | X | X | X |
| BS-HM043 | 4.3''(16:9) | 480*272 | ✓ | ✓ | X | X |
| BS-HM050 | 5''(16:9) | 800*480 | ✓ | ✓ | X | X |
| BS-HM057 | 5.7''(16:9) | 800*480 | ✓ | X | X | X |
| BS-HM156 | 15.6'' | 1920*1080 | ✓ | ✓ | X | X |
| BS-HM070 | 7''(16:9) | 800*480 | ✓ | ✓ | ✓ | ✓ |
| BS-HM102 | 10.2''(16:9) | 1024*600 | ✓ | ✓ | ✓ | ✓ |
| BS-HM104 | 10.4''(4:3) | 800*600 | ✓ | X | X | X |
| BS-HM121 | 12.1''(4:3) | 800*600 | ✓ | ✓ | X | X |
| BS-HM150 | 15''(4:3) | 1024*68 | ✓ | ✓ | X | X |

For comprehensive details, visit: www.buraq.com/BS-HMI 



BURAQ INTEGRATED SOLUTIONS
When Precision Matters...



HQ: Buraq Center, 11-D, 6th Road, Satellite Town, Rawalpindi, Pakistan. **STZ:** 1st Floor, Alpha-18, NASTP, Old Airport Road, Rawalpindi, Pakistan.



info@buraq.com