Simple/Reliable/Green/Efficient

IOT DATA COCKPIT
INTERNET OF THINGS MANAGEMENT SYSTEM

PIG STATISTICS

Total of sows	Farrowing pig	Mating pig
399	0	0

Gilt pig	Nursery pig	Fattening pig
399	318	5989

ENVIRONMENTAL

NH3 2 · H25 4 · OU 3 · PM10/2.5 5

CONSUMPTION

1M 2M 3M 4M 5M 6月 7M 8M 9M 10M 11M 12M

PIG HOUSE DETAILS

环控器总数 151 98.7%

Total: 188
- Online 98.7% — 149
  - Alarm:0 | Vacant:30
- OffLine 1.3% — 2
  - Alarm:0 | Vacant:0

FFEED ANALYSIS

62 28 · 49 48 · 52 38 · 59

1M 2M 3M 4M

Online 65% · Offline 35%

3589	35.8	2.9
Total consumption	Monthly	Daily

ALARM — Day / Week / Month

Total Alarms no. 34 times	Processed 0 times	Unprocessed 34 times

Alarm order

NO.1	3-1	14
NO.2	1-2	6
NO.3	1-2	4
NO.4	2-4	2
NO.5	3-1	2

WATER CONSUMPTION — Day / Week / Month

Order

NO.1	1-2	309
NO.2	1-1	279
NO.3	1-5	237
NO.4	2-2	140
NO.5	2-1	113

IoT MANAGEMENT SYSTEM

Big Herdsman provides professional intelligent hardware and software services to achieve unified decision-making management of pig farm environment control, smart feeding, biosecurity, and ecological protection, aiding the digital transformation of farming enterprises.
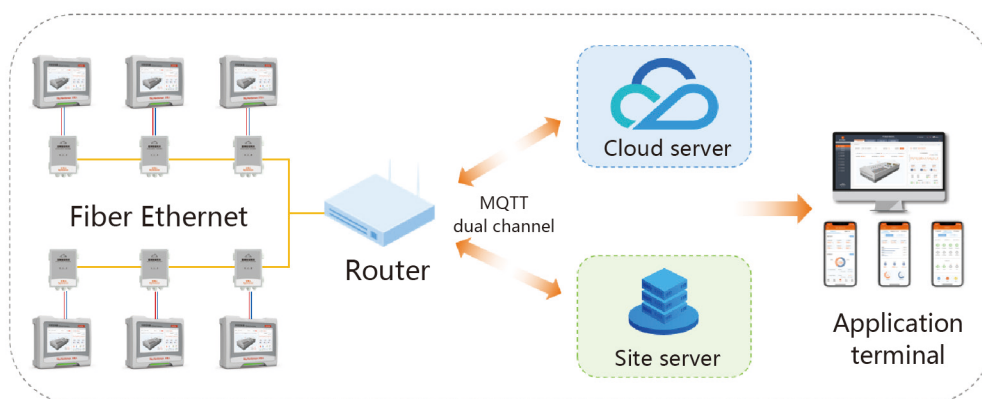
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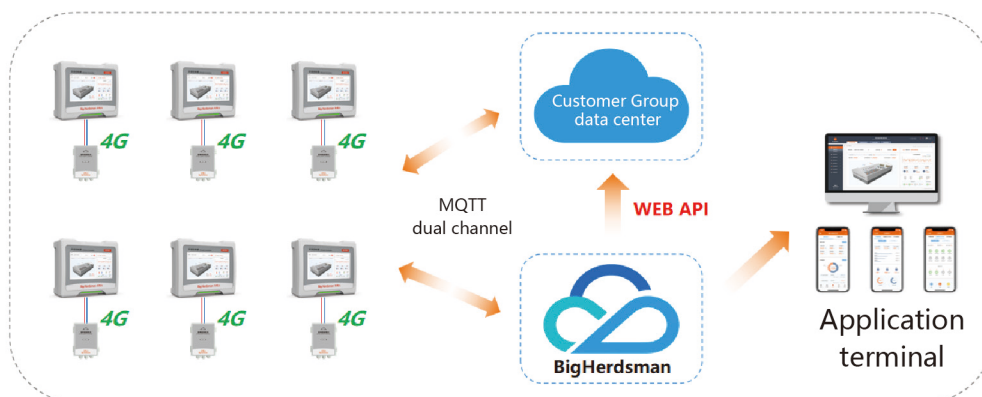PIG PRODUCTION

Features

■Comprehensive Compatibility: Supports Big Herdsman series control devices, including environmental controllers, centralized alarms, smart alarms, silo weighing systems, high-pressure cleaning systems, smart water meters, smart power meters, and more.

■Real-Time Monitoring: Data is transmitted in real-time, monitoring farming environments and equipment operation status, with visual data displays that quickly capture abnormalities for quickly alerts.

■Data Management: Long-term data storage, multi-dimensional data analysis, and historical tracing capabilities.

■Remote Operation: Remote parameter setting reduces personnel movement and enhances epidemic prevention capabilities.

■Secondary Exploitation: Provides professional hardware and software data interfaces to support secondary data exploitation.

■Dual-System Architecture: Supports dual-channel data transmission, with synchronized cloud and local systems for stable and reliable operation.

■Access Management: Multi-level management design allows flexible allocation of user and role access.

■Multi-Terminal Support: Single account login on multiple devices, including phones, tablets, and computers.

■High-Efficiency Transmission: Combines fibre optic Ethernet and 4G wireless architecture, offering strong anti-interference capability and stable data transmission.

Fiber Ethernet architecture

4G wireless architecture

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