

# IOT PACKAGE FOR MACHINE OPERATION

SKU: IOTPK-MCR



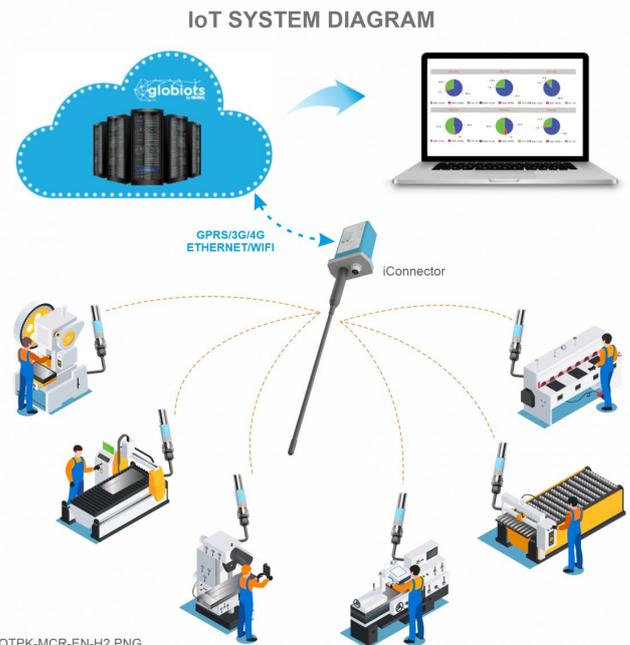
IoT solution package for machine operation is a comprehensive solution (hardware and software) which applies IoT technology and Sub-GHz wireless technology to monitor machine/equipment operation status and total run hour. The package is used to monitor simple and auxiliary machine, equipment and production line. This IoT package is applied for:

- Factory, Warehouse, Machine, Utilities, Fuel station;
- Commercial building, Hospital, Data center - Server room;
- BTS station, Cold storage, Irrigation system;
- Plant farm, Greenhouse, Shrimp farm, Construction site.

This package results in following benefits to end user:

- Provide continuous, reliable data;
- Increase machine usage;
- Enhance effectiveness of production management;
- Optimize investment on new machine.

- ✓ **VARIOUS MACHINE TYPE MONITORING**  
Different machine type from various manufacturer are integrated in one system
- ✓ **EASY UPGRADE AND EXPANSION**  
The system could be upgraded functions, reports and expanded monitoring scope
- ✓ **QUICK SYSTEM DEPLOYMENT**  
"True wireless" sensor and remote configuration make system deployment simple
- ✓ **INVESTMENT OPTIMIZATION**  
Wireless technology reduce cable and wiring cost. Customized cloud technology optimizes software cost
- ✓ **CONVENIENT SYSTEM MAINTENANCE**  
Wireless sensor technology facilitates to check, identify, and troubleshoot problem quickly and simple



## SPECIFICATION

HARDWARE	
Wireless digital input sensor	For more details, please refer to SKU number is <a href="#">WS433-DI</a>
iConnector IoT gateway with integrated wireless coordinator	For more details, please refer to SKU number is <a href="#">STHC</a>
Cloud Server	Daviteq's cloud server is suitable for monitoring from some parameters to some thousand parameters, operated and maintained by Daviteq's IoT system specialists, backup operation with high reliability. Daviteq offers cloud server as a yearly service.
SOFTWARE	
IoT Globiots software system	Collect and analyze data, visualize dashboard and report, notify alarm and event. Configure remotely system, iConnector, parameter, event, alarm, dashboard, report, and user authority. Send alarm, event by email. Push data to third-party software/application using API. Basic reports as below: <ol style="list-style-type: none"> <li>1. Current machine operation status report</li> <li>2. Historical trend for machine statuses during selected period</li> <li>3. Total run time report for machines during selected date, week, month, from date to date</li> <li>4. Total run hour comparison report among machines</li> </ol>

## SUB-GHZ WIRELESS DIGITAL INPUT SENSOR

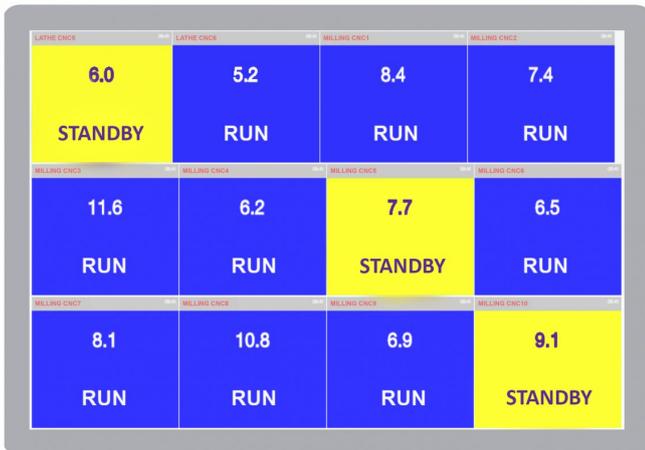


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iCONNECTOR IoT GATEWAY  
INTEGRATED WIRELESS CO-ORDINATOR

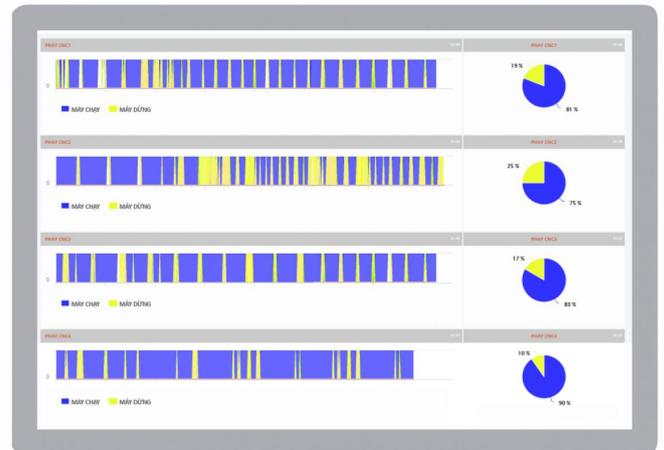
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MACHINE'S CURRENT STATUS REPORT



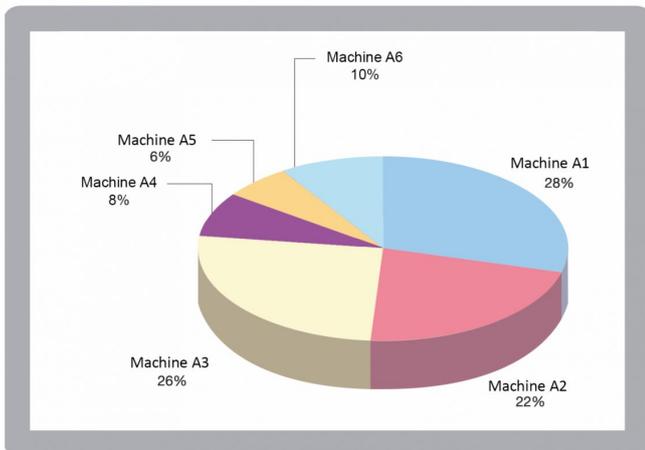
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MACHINE OPERATION STATUS HISTORICAL TREND



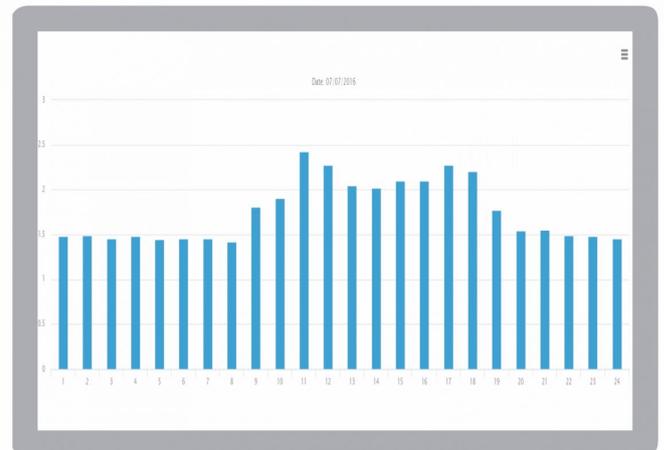
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MACHINE RUN HOUR COMPARISON REPORT



IOTPK-MCR-EN-H7.PNG

MACHINE TOTAL RUN HOUR REPORT



IOTPK-MCR-EN-H8.PNG

**ORDERING INFORMATION**

ITEM CODE	DESCRIPTION
IOTPK-MCR-01	IoT package for machine operation, 5 x 433 Mhz wireless digital input sensors, 1 x 3G iConnector, 01 year subscription for cloudGlobiots 10-parameter, NO SIM card and AA battery included
IOTPK-MCR-02	IoT package for machine operation, 5 x 433 Mhz wireless digital input sensors, 1 x WiFi iConnector, 01 year subscription for cloudGlobiots 10-parameter, NO AA battery included
IOTPK-MCR-03	IoT package for machine operation, 5 x 433 Mhz wireless digital input sensors, 1 x Ethernet iConnector, 01 year subscription for cloudGlobiots 10-parameter, NO AA battery included

**DAI VIET CONTROLS & INSTRUMENTATION COMPANY LTD.**