Hardware Support Module: Generation 3 (HSM3)

HSM3 is the latest generation of industrial hardware to meet evolving customer needs in today's everchanging environment. Developed to seamlessly support the Systech Brand Protection and Packaging Intelligence software suites, it offers flexible integration options, global compliance, improved ergonomic design and highly modular approach. It delivers all these new enhancements while maintaining the core components you expect from our prior generation—including panel PC, power over ethernet, network switch and vision interface kit.

Compliance: ETL, CE, FCC, UKCA, CB
Pending: ACMA, CCC, NOM, KC

Key benefits

HSM3 offers you a single solution, replacing the need for multiple vendors and products resulting in cost savings and increased productivity. It expands upon the capabilities from prior generations within a sleek and compact footprint.

- Fully assembled and wired for minimal setup time
- Centralized device support, eliminating the need for integrator installation
- Expansive vision capacity with up to seven camera connections
- Cognex smart camera support
- External light support for specific vision applications
- Optimal flexibility with support for up to six control devices
- Reduced deployment costs with integrated stack light and scanner
- Ensures safety with lock out tag out (LOTO)

Key features

Improved design with options to fit your business requirements and budget:

- Multiple finish options
  - Stainless steel
  - Mild steel (carbon steel)
- Multiple computer options
- Pedestal mount or strongarm mount for ease of integration
- Modularized options to customize your solution
- Ergonomic 10° display tilt with 240° swivel
- Solid and liquid Ingress Protection

Console Cabinet (Human Machine Interface)

- Pre-wired UPS, control buttons, stack Light
- Built-in hand scanner base
- Prepped for top or bottom mount
- Compact and light footprint

Control Cabinet (Electrical Panel)

- Industry standard electrical cabinet with safety disconnect
- Built in 24V 500W (20A) power source
- Pre-wired to order for all cameras and field connections

Pedestal

- Purpose built for HSM3
- Leveling feet doubled as floor mount
- Detachable tilt and swivel can be used as six-inch HMI Stand

Connectivity – HSM3 integrates all your devices in one place

Panel PC

PPC3151/TPCB510

Scanner

DS3678/DS3608

Handheld Scanner

MC9300

Field Cameras

Baumer	Cognex	AVT

Control Devices

VIK/VIK3	POE	E-NET

Features	HSM3	HSM2	M&R Docking Station
Product Support	Brand Protection, Packaging Intelligence	Brand Protection	Packaging Intelligence
Categorization	Human Machine, Interface Electrical, Panel	Computer Enclosure	Electrical Panel
Console Cabinet (HMI) W x H x D	514 x 405 x 193 (mm) 20.3 x 15.9 x 7.6 (in)	564 x 414 x 208 (mm) 22.2 x 16.3 x 8.2 (in)	–
Control Cabinet (Electrical Panel) W x H x D	305 x 610 x 223 (mm) 12.0 x 24.0 x 8.8 (in)	–	375 x 400 x 162 (mm) 14.8 x 15.7 x 6.4 (in)
Enclosure Type	Stainless Steel, Mild Steel	Stainless Steel	Stainless Steel
Mounting Options	Pedestal, Strong, Arm, Surface, Mount	Pedestal	Surface Mount
Ingress Protection	IP54	None	IP54
Computer Options	PPC3151W, TPCB510	PPC3151W	N/A
Camera Support	Baumer, Cognex, AVT	Baumer, AVT	Cognex
No. of Camera Support	Up to 7	Up to 3	Up to 2
External Light Support	Yes	No	Yes
Control Devices	6 (PoE, VIK, E-Net)	1 PoE, 1 VIK, 1 E-Net	1 E-Net
Output Voltage	24VDC, 20A	24VDC, 10A	24VDC, 3.8A
Dedicated Terminal Block(s)	Up to 2 VIKs	None	Limited
Trigger Sensor Support	Yes	No	Yes
Lock Out/Tag Out (LOTO)	Yes	No	No
Integrated Stack Light	Yes	No	No
Start/Stop/Reset Buttons	Yes	No	No
Handheld Scanner Support	Yes	No	No
External USB Ports	1	2	None
OEM Kits	Yes	Yes	No
Compliance	ETL, CE, FCC, CB, CCC, ACMA	ETL, CE, FCC, CB	ETL, CE, FCC, ACMA

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