ems
RFID AT WORK™

LOW-FREQENCY RFID CONTROLLER/ANTENNA

Cobalt HS

FEATURES & BENEFITS

Low-Frequency RFID Antenna and Controller are integrated into one package for compact installation.

CobaltTM Family software architecture and connectivity.

Communications options: TCP/IP (TCP) Industrial Ethernet (IND)

Fast data transfer rate: all 32KB of tag data within 24 seconds.

32KB data buffer.

11cm read range with EMS' HS232R tags.

Robust, sealed enclosure for protection in harsh industrial environments.

Low-Frequency RFID is ideal for metal-intensive environments.

FOR USE WITH
All HS Series tags.

Rugged, highly connected COBALT RFID systems provide easily integrated and economical solutions for Auto-ID on the factory floor. Dust and moisture protection assure years of reliable operation in harsh environments.

The Cobalt HS RFID controller/antenna operates with EMS' HS series of very high memory RFID tags.

25+ years of experience with RFID systems for manufacturing are behind every EMS system, supported by Datalogic around the world.

MODELS

Industrial Ethernet:	CHS-1265-IND-01
TCP/IP Networks:	CHS-1265-TCP-01

SPECIFICATIONS

Dimensions:	120x65x70mm (4.7x2.6x2.8 in)
Weight:	500g (1.1 lbs)
Operating Temp:	-10° to 49°C (14° to 120°F)
Storage Temp:	-40° to 85°C (-40° to 185°F)
Vibration:	68-2-6 FC 1.5mm; 10-55Hz; 2 hrs ea axis.
Shock:	68-2-27 EA 30g;11Ms; 3 shocks each axis.
Protection Class:	IP66
Enclosure:	Polycarbonate
Humidity:	
Voltage Input:	20-28VDC
Current:	250ma @24VDC (6Watts)

www.ems-rfid.com

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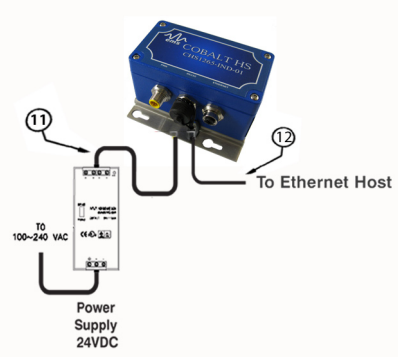
ESCORT MEMORY SYSTEMS BY
DATALOGIC™

Cobalt HS

POINT-TO-POINT NETWORK DIAGRAM

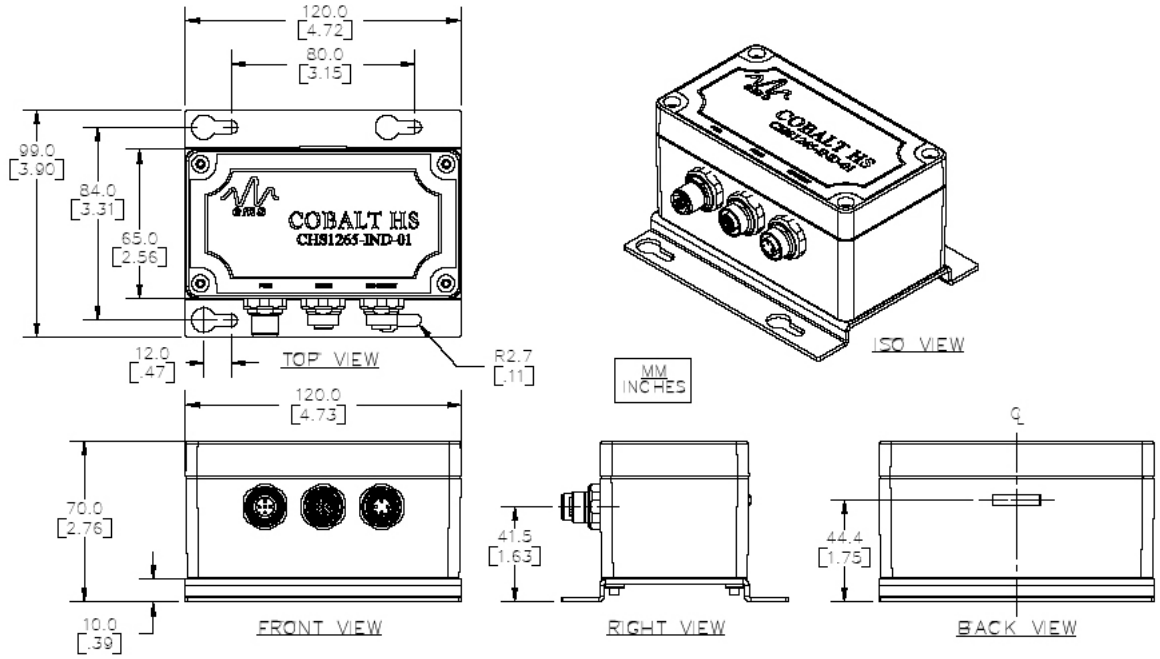
APPLICATIONS
Manufacturing
Work-In-Process Tracking
Material Handling
Warehouse
Logistics

READ/WRITE RANGE
TYPICAL:
100mm (4.0 in) with HS232R Tag



ITEM	QTY	DESCRIPTION	EMS PN
11	1	FIELD MOUNTABLE CONNECTOR, STRAIGHT FEMALE M12 5-PIN	CBL-1487
12	1	CAT5E ETHERNET CABLE FOR CNTL-IND/TCP, 5M	CBL-1515-05

DIMENSIONS mm[in]



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