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TECHNOLOGY GROUP

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Expert team | Trust guarantee | 100% satisfaction

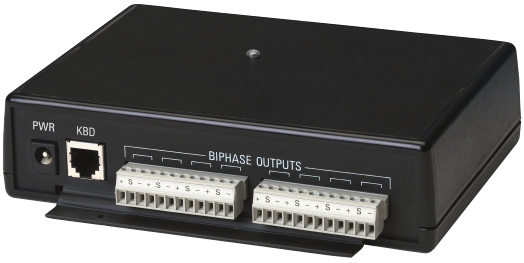
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Find the *Bosch / Rexroth / Indramat LTC 8786/60* at our website: *Click HERE*

LTC 8786 Series RS-232 to Biphase Converter

www.boschsecurity.com

BOSCH
Invented for life



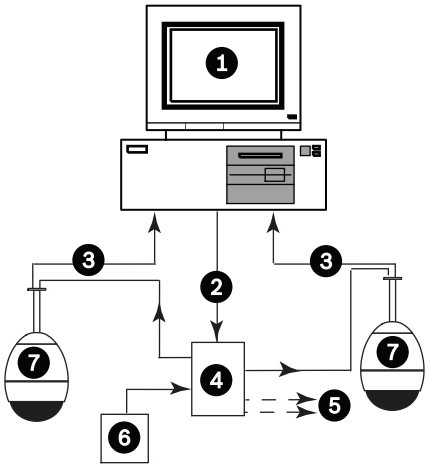
- For use with PC or other devices running user-supplied video controller software
- Provides up to 16 Bi-Phase control code outputs
- Each output operates up to 8 devices in a daisy chain
- Compact design

The LTC 8786 Series of data converters are designed to convert Bosch "Receiver/Driver and AutoDome RS-232 Control Code Protocol" into Allegiant Bi-Phase control code.
These units are specifically designed to transform a single data output from a PC-based DVR (or a similar device) into multiple control code outputs for operating AutoDome cameras.
The Bosch "Receiver/Driver and AutoDome RS-232 Control Code Protocol" is a simplex RS-232 data format designed to communicate with the Bosch line of receiver/drivers, AutoDome cameras, LTC 8786 converters, and other compatible accessory devices. Complete information on the protocol can be obtained by downloading the manual from the AutoDome section of www.boschsecuritysystems.com.
The input RS-232 baud rate of the LTC 8786 Series is fixed at 9600 baud, 1 stop bit, 8 data bits, no parity, and no handshake. The LTC 8786 Series units can be connected directly to the RS-232 serial port of a PC using an industry standard null modem cable. If another connection type is required, an interface cable can easily be constructed using the supplied 9-Pin D connector.

Certifications and approvals

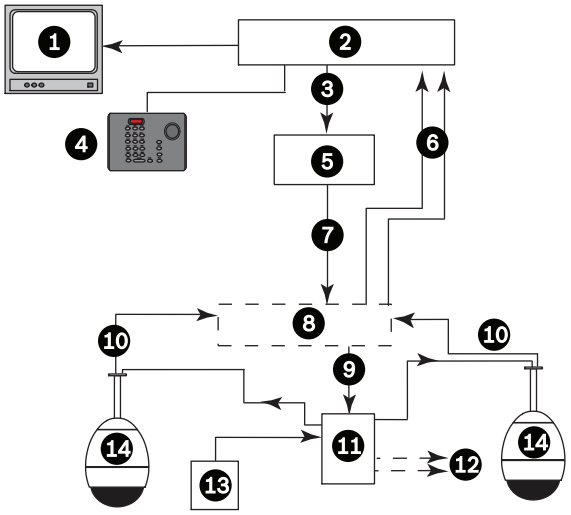
Agency Certifications	
EMC Immunity	EN50130-4
EMC Emission	EN55022-1, FCC Part 15, Class A
Safety	
Converter	CE, LVD 73/23/EEC
Power Supply Adapter	CE, UL, CSA, TUV

Installation/configuration notes



Typical Configurations
Using PC as a Source of RS-232 Data

1 Typical PC with Video Capture Card(s) or Other Device Running User-supplied Video/Control Software
2 RS-232 Data
3 Video Signal
4 LTC 8786 Converter
5 Up to 16 Bi-Phase Control Code Outputs
6 LTC 8786 Power Supply Adapter
7 Typical AutoDome Cameras or Allegiant Receiver/Driver Units



When Used as Remote RS-232 to Bi-Phase Converter

1 Video Monitor
2 Allegiant System
3 Bi-Phase Data
4 Allegiant Keyboard
5 LTC 8780 Data Converter
6 Video Signal
7 RS-232 Data
8 Video and RS-232 Communication Link
9 RS-232 Data
10 Video Signal
11 LTC 8786 Converter
12 Up to 16 Bi-Phase control code outputs
13 LTC 8786 Power Supply Adapter
14 Typical AutoDome Cameras or Allegiant Receiver/Driver Units

Technical specifications

Electrical

Model No.[1]	Rated Voltage	Voltage Range
LTC 8786/60	120 VAC, 50/60 Hz	105-132 VAC
LTC 8786/50	220–240 VAC, 50/60 Hz	195.5-253 VAC

1. Includes applicable power supply adapter.

Nominal Power	3 W (at rated voltage)
Indicator	3 W (at rated voltage)
Connectors	
Data In	9-pin D Connector (a 9-pin adapter is supplied), RJ-11
Bi-Phase Output	Removable terminal blocks with three connections: (+), (–), and (S [Shield]) for each of the sixteen Bi-Phase code outputs
Power Connector	1.8 m (5.75 ft) power supply cable with bayonet type plug
Transmission Distance	1.5 km (5000 ft) using 1 mm^2 (18°AWG) shielded twisted pair cable (Belden 8760 or equivalent)

Mechanical

Case	Black plastic with metal mounting flanges
Dimensions (Overall) (W x D x H)	154 x 132 x 38 mm (6.08 x 5.25 x 1.5 in.)
Weight	0.132 kg (0.7 lb)

Environmental

Operating Temperature Range	0°C to 40°C (32°F to 144°F)
Operating Humidity	10% to 90% non-condensing

Ordering information

LTC 8786/50 RS-232 to Biphase Converter
with 16 Biphase outputs, 220-240 VAC, 50/60 Hz, 195.5-253 VAC
Order number **LTC 8786/50**

LTC 8786/60 RS-232 to Biphase Converter
with 16 Biphase outputs, 120 VAC, 50/60 Hz, 105-132 VAC
Order number **LTC 8786/60**

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