

DIE Gateway

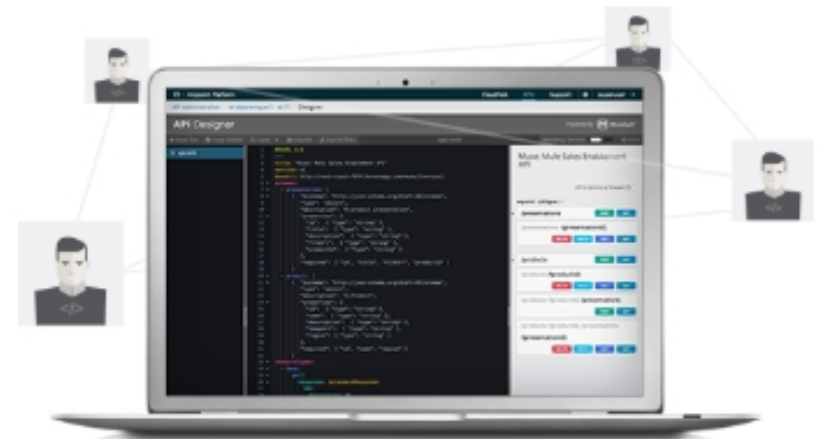
Overview

Digies DIE Gateway provides the means to bridge the gap between devices in the industry. It provides a communication link between the devices and the Cloud and can also offer local processing and storage capabilities to provide offline services and if required real time control over the devices.

For many applications, The DIE gateway can eliminate the need for a dedicated onsite management or control end point. For example, with an integrated LCD controller, a gateway can support a user interface so users can directly interact with nodes. Alternatively, it can provide a web-based user interface – accessible through a PC, tablet or smartphone – to allow users to easily access additional built-in applications. This enables the gateway to serve as a flexible and dynamically programmable onsite control point.

Advantages

- Standards-compatible architecture provides faster service applications development and lower deployment costs
- A unique security concept makes it possible to operate a secure, flexible, and transparent infrastructure for distributed things and devices.
- Consistent and systematic access to third-party devices.
- Devices are connected based on open standards and using information models derived from business logic.
- High-performance and reliable connection of devices.



Feature

- Borex A5 processor 500Mhz/ 5Ghz
- Standard DI, DC2457 and DE2478, Ethernet on all models
- LCD display for visual control (optional)
- External DC input connections
- 5 digital inputs
- 10 Digital output
- 5 analog Input
- 3G / Wifi connectivity
- Expansion port to add more I/O
- HSPA+ Download 21.0Mbps
- HSPA+ Upload 5.76Mbps
- SD card slot for data logging

Digies

India

510 Venus Atlantis,
Babundnagar Road, Satellite,
Ahmedabad - 41419
Phone 987654321

USA

216 Windlesham Grove
Parkway,
Suite 320 Texas
TX 147852-8965

Version: 00 (20.05.2018)

Specification

CPU				
CPU Type	Bocex 5	Bocex 5B	Bocex 9A	Bocex 7A
CPU Cores	1	Dual Core	Dual Core	Quad Core
Maximum CPU frequency	400MHz	500MHz	500MHz	500MHz
RAM				
	128MB	256MB	512MB	512MB
Connectivity				
	3G Module/Wifi	3G Module/Wifi	3G Module/Wifi	3G Module/Wifi
Interfaces				
LCD RGB 24bpp (1024x768 maximum resolution)	Optional	Optional	Optional	Optional
Resistive Touch Screen 4 Wire	Optional	Optional	Optional	Optional
Analog Input (12 Bit)	4	4	8	8
Digital Input (0-5V)	4	4	8	8
Digital Out Put (0-5V)	8	8	16	16
RS232 Port	1	1	2	2
RS485	1	1	2	2
On board relays (0-5V)	-	-	-	-
SD/SDIO/MMC (4bit)	Yes	Yes	Yes	Yes
USB 2.0 High Speed OTG (host/device)	Yes	Yes	Yes	Yes
USB 2.0 High Speed Host	Yes	Yes	Yes	Yes
10/100 Mbit/s Ethernet with auto MDI/MDI-X and IEEE1588	Yes	Yes	Yes	Yes
SIM slot	Yes	Yes	Yes	Yes
Buttons	reset and program	reset and program	reset and program	reset and program
Embedded Linux	Yes	Yes	Yes	Yes
Power Input	12/24 VDC	12/24 VDC	12/24 VDC	12/24 VDC
Power Consumption	10w	10w	15w	15w
Temperature range	0-55 C	0-55 C	0-55 C	0-55 C
Dimension (LxWxH) mm	182*107*35	182*107*35	185*110*40	185*110*40
Mounting	Din Rail	Din Rail	Wall mountable	Wall mountable
Weight Gms	500	500	500	500

Ordering Information

Model Number / Features	3G	Wi-Fi	LCD Display
Dr1503	-	-	-
Dr1503-3G	500	-	-
DR1503 wifi	-	yes	-
DR1503-3G-D	yes	-	-
DR1503-Wifi-D	-	yes	yes

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