

Digitus Biometrics

DAS-SQL TCP/UDP Port Settings

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Section 1 – DAS-SQL Client to DAS-SQL Server Settings

The DAS-SQL Client communicates with the DAS-SQL Server Component over an IP Socket.

The default TCP port used for the communication is 15082.

Section 2 – DAS-Server Device Discovery Settings

The DAS-SQL Server Component is capable of auto-detecting new devices, during initial configuration. This is done using UDP broadcasts. UDP broadcasts will only work on a single network segment, thus the DAS-SQL Server Component can only auto detect device that are on the same segment as the itself.

The UDP Broadcast uses UDP ports 65533 thru 65535.

If the Digitus hardware is on a different network segment to the DAS-SQL Server, the Digitus “Ethernet Utility” must be used, to first program the IP settings of the device, i.e. specify how it will obtain an IP Address (static or DHCP assigned), its IP Address, Subnet Mask and Default Gateway and listening port.

The Digitus “Ethernet Utility” can either be run from a PC/Laptop connected to the same network segment as the Digitus Device or from a PC/Laptop that is connected directly to the Digitus Device, with a CAT5 crossover cable.

The Digitus “Ethernet Utility” uses UDP ports 65534 for db Zero-U and db Nexus Devices and UDP port 65533 for db Bus Devices.

Section 3 – DAS-Server to Digitus Hardware Settings

All communication between the DAS-SQL Server Component and Digitus Hardware is done over IP Sockets.

The default TCP port used for the communication is 1001.

Section 4 – Digitus Bootloaders

All Digitus Hardware Devices are capable of being flash-upgraded via a Bootloading process.

The communication of the bootloader is done using both the TCP and UDP protocols.

The bootloader operates between the DAS-SQL Client and the Digitus Device.

The default TCP port for the bootloader is 1001.

The default UDP port for the bootloader is 16388.



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