


Classification:  <b>Restricted</b>	System/Product:  <b>DigiShot 600</b>	Document Ref:  <b>BVC-00056</b>	Revision:  <b>1</b>
	Document Type:  <b>BVC-BuildVerControl</b>	Current Author:  <b>Morgan Lombard</b>	
	Title:  <b>Build control document for DigiShot 600</b>	Original Author:  <b>Barry Labuschagne</b>	
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## 1 PRODUCT DESCRIPTION

This document describes the necessary building blocks, special instructions, software specifications and test procedures necessary to assemble and test the DS600 Commander. Please refer to the correct subparagraph for the appropriate system.

## 2 PRODUCT HIERARCHY

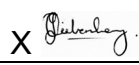
Main System	4G
Architecture Name	DS600
Derivative	4G Method

## 3 ELECTRONIC BUILDING BLOCK CONFIGURATION

The following table describes the electronic document packs to build the product.

Part Name	Document No	Issue (Reliance rev. no.)	MOD Status	Note Link
CE4 Commander Main PCB	EDP-00127	8		
CE4 Commander Powerlock PCB	EDP-00147	7	1	
CE4 Commander IO Module	EDP-00183	8		
CE4 Commander UI PCB	EDP-00146	8	1	
CE4 Commander Base PCB	EDP-00163	3		
CE4 Commander NFC PCB	EDP-00179	4		
CE4 Commander LCD Heater PCB	EDP-00191	2		
Antenna Board 900 MHz	EDP-00158	1		
Narrowband RF module with LNA	EDP-00209	3		1
Narrowband RF module with LNA	EDP-00241	4		1

1. Use the RF module that is appropriate for the Country/Region.

APPROVER	APPROVER SIGNATURE	SIGNATURE DATE	ISSUE DATE
Abrie Liebenberg	 Signed by: AJ Liebenberg	2021/11/16	2021/11/16
Approved documents are only valid if they contain an "APPROVED" stamp on the first page and both the revision number and the issue date of the document correspond with the electronic document control system.			

**APPROVED**

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## 4 INSPECTION DOCUMENTATION

The following documentation is used to set up and test the electronic building blocks.

Part Name	Document No	Reliance Rev No.	Tester S/W	Note Link
CE4 Commander Main PCB	EIP-00119	7		
CE4 Commander Powerlock PCB	EIP-00117	6		
EDP-183 Test specification	EIP-00121	3		
CE4 Commander UI PCB	EIP-00118	5		
CE4 Commander Base PCB	EIP-00124	3		
CE4 Commander NFC PCB	EIP-00116	3		
Self-Test	EIP-00120	3		
Narrowband RF module Test specification	EIP-00137	2		

## 5 SOFTWARE CONFIGURATION

### 5.1 4G

Bootloaders:	All bootloaders are loaded during XJTAG testing. Please refer to the relevant EIP documents for the revision number.
Main Software:	SWR-00097-V27

## 6 MECHANICAL BUILDING BLOCK CONFIGURATION

### 6.1 4G

The following table describes the mechanical document and drawings to build the product.

Part Name	Document No	Reliance Rev No	Note Link
DigiShot 600	MDP-00106	1	

## 7 RF USE IN SPECIFIC REGIONS / COUNTRIES

The following table describes the match between RF modules, power levels and regions that require it. Refer to TGN-89 for intentional radiator specifics and more operational details.

Country/Region	Max ERP (mW)	Frequency Range (MHz)	Module Required	Note
USA, Canada, Peru	1000	902-928	EDP-241	
Chile, Brazil	500	915-928	EDP-241	
RSA, Africa, UK, Turkey and EK	500	869.40-869.65	EDP-209	
Australia	1000	915-928	EDP-241	
Indonesia	400	920-923	EDP-241	

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## 8 HARDWARE COMPATIBILITY

The following table describes hardware compatibility across BVC revisions.

Assembly name/version	BVC-No-V	Hardware description	EDP-No-V	Note Link
DS600	BVC-00056-V1	CE4 Commander Main PCB	EDP-00127-V8	
		CE4 Commander Powerlock PCB	EDP-00147-V7	
		CE4 Commander IO Module	EDP-00183-V8	
		CE4 Commander UI PCB	EDP-00146-V8	
		CE4 Commander Base PCB	EDP-00163-V3	
		CE4 Commander NFC PCB	EDP-00179-V4	
		CE4 Commander LCD Heater PCB	EDP-00191-V2	
		Antenna Board 900 MHz	EDP-00158-V1	
		Narrowband RF module with LNA	EDP-00209-V3 EDP-00241-V4	1

1. Use the RF module that is appropriate for the Country/Region

## 9 REVISION

Revision 1: New Document