Soontech Annals

DH03: Parallelized Quad Display Slice With Passive Read

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Features

- Minimum hoppers & chests for this layout
- Fully hopper locked
- In-slice lists for which chests need to be restocked from empty
- Each quarter-slice can restock and call in parallel
- All inventories easily reachable/visible
- Control logic somewhat simple

Applications

- Encoded quad-display hall

General Description

The DH03 quad display slice has 4 box displays with passive read ability and parallelized control logic. It has a fully hopperlocked layout with no visible pistons. The bottom displays has one buffer box with global first box placement. For full hopperlocking, the top displays require a gap every 32 blocks. Box collection is not fully reliable. Top display will break if used aggressively.

Figure 1: DH03 Quad Display Slice

Device Specifications

Table 1: Device Specifications

Parameter	Min.	Typ.	Max.	Unit	Conditions
Item Throughput	8	-	-	gt	Normal Usage
MC Version	1.16	1.17.1	-	MCV	Latest version at time of writing: 1.19.3
Dimensions		1 x 33 x 22		Blocks	

Testing Data

Table 2: Executed Tests

Test	Result
Display operation	Box displays were able to replace boxes when emptied.

Download Information

Table 3: Download Information

Identifier	MC	File	Description
DH03	1.17.1	DH03_QuadBulk_V5_3.litematic	Litematic of slice.