How many units (easYgen-3500XT and LS-6XT) can be visualized on different easYview models?

Simon - 2025-07-15 - easYview

Overview

This article provides guidance on the approximate number of units (easYgen-3500XT and LS-6XT) that can be visualized using different easYview models (7", 10", and 15"). The information is based on key limiting factors and general use cases observed in Woodward's default projects and comparable customer projects.

Key Limiting Factors

When determining the number of supported devices for visualization on an easYview, the following two factors should be considered:

1. Concurrent Connected Data Points (CCDs):

o Refers to the number of data points actively displayed on the same page at the same time.

o The number of CCDs used on an overview page is often the most critical limiting factor.

2. Total Data Points:

o The total number of data points is capped at 1500 for the easYview system.

part number	description	screen size	CCD data points [used at the same time in one page]
8446-1071	easYview-07-030	7″	30
8446-1072	easYview-10-060	10″	60
8446-1073	easYview-15-150	15″	150

General CCD Usage in Woodward Projects

Woodward's default projects and similar customer implementations typically use the following number of CCDs per device:

• 4 CCDs per genset (easYgen-3000XT or easYgen-3500XT controllers)

• 4 CCDs per synchronized breaker (LS-6XT)

• 2 CCDs per visualized busbar

• 5 CCDs per grid / utility connection

• General Visualizations:

o 1 CCD for alarms

o 1 CCD for busbar color

Example Calculation (TBD)

To calculate the total number of units that can be visualized, consider the following example:

	Number of	typical CCDs per unit	subtotal
gensets (easYgen-3500XT)	4	4	16
synchronized breakers (LS-6XT)	3	4	12
busbars	1	2	2
grids / utility connections	2	5	10
		total	**40**

The total CCD usage must not exceed the capacity of the easYview model being used. A detailed example calculation will be added here to demonstrate.

Conclusion

The capacity of the easYview system depends heavily on the number of Concurrent Connected Data Points (CCDs) used on an overview page.

Please be aware that you might want to go for your own custom setups, which may require more CCDs per genset, synchronized breakers, grids or busbars.

For further clarification or specific project-related questions, please contact our support team.