$\mathbf{Size}$	Overlap	# Points
$2m\times2m$	$1 \mathrm{m}$	1024
$5\text{m}{\times}5\text{m}$	$2 \mathrm{m}$	3072
$10 \text{m} \times 10 \text{m}$	$2 \mathrm{m}$	4096