	train phase	test phase	
epochs	5	0	
batch size	4	4	
	dimensione	pulite	sporche
training set	240000	120000	120000
validation set	60000	30000	30000
test set	14400	7200	7200

	Dati validation				Dati test			
					classe		all	
classi	loss	acc	val_loss	val_acc	loss	acc	loss	acc
Blur 3.5	2,26E-12	1	1,97E-12	1	1,79E-20	1	1924,7214	0,5708
black	0	1	3,92E-36	1	1,97E-16	1	775,6958	0,5417
brightness	2,26E-16	1	1,97E-16	1	841,3589	0.5	564,6671	0,442
50 death pixels	0,6932	0,5	0,6932	0,5	0,6932	0,5	0,6932	0,5
200 death pixels	0,6932	0,5	0,6932	0,5	0,6932	0,5	0,6932	0,5
nodemos	9,84E-20	1	2,06E-26	1	3,98E-35	1	73,0108	0,5833
noise	2,42E-13	1	4,18E-17	1	4,13E-12	1	40,1645	0,5833
sharpness	0,0015	1	2,93E-27	1	3,4551	0,9763	262,6827	0,6072
brokenlens	5,93E-16	1	4,30E-16	1	2,10E-07	1	30,5279	0,5417
icelens	0,0089	0,9995	0,0017	0,9996	2,6259	0,8182	5817,3185	0,5595
banding	0,0132	0,9995	0,0026	0,9992	6,7391	0,5469	7197,409	0,3942
greyscale	2,26E-22	1	2,22E-22	1	1,0214	0,8938	37,585	0,5
condensation	1,03E-19	1	1,73E-17	1	0,1363	0,998	235,5825	0,5247
dirty lens	0,0157	0,9985	0,028	0,9977	18,5961	0,58	31,0586	0,5076
chromaticaberrration	2,96E-17	1	0	1	0	1	4719,5721	0,5625
rain	1,58E-16	1	5,03E-28	1	5,1512	0,8819	69,6546	0,5188
all	0,0996	0,9358	0,0965	0,9337			668,9222	0,5