

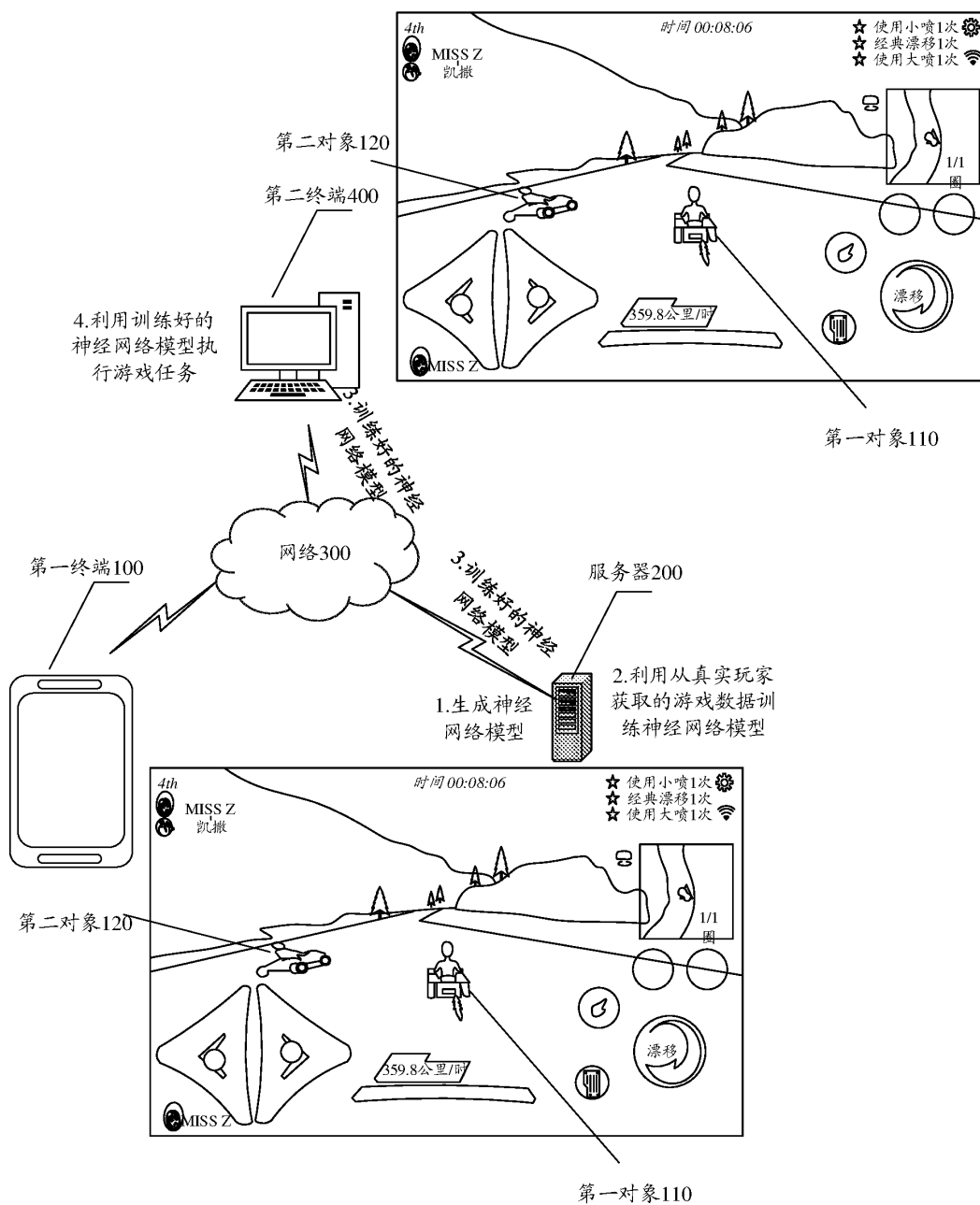


图 1

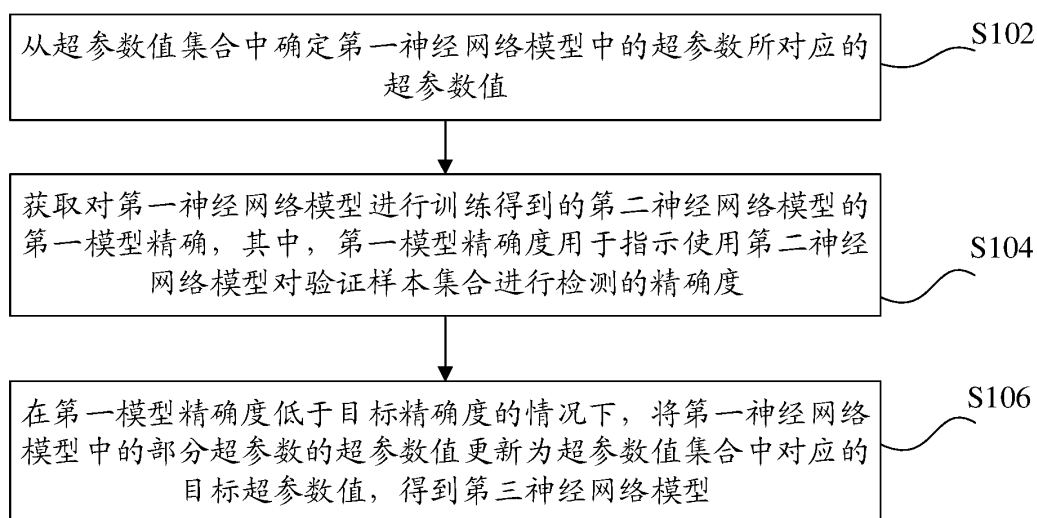


图 2

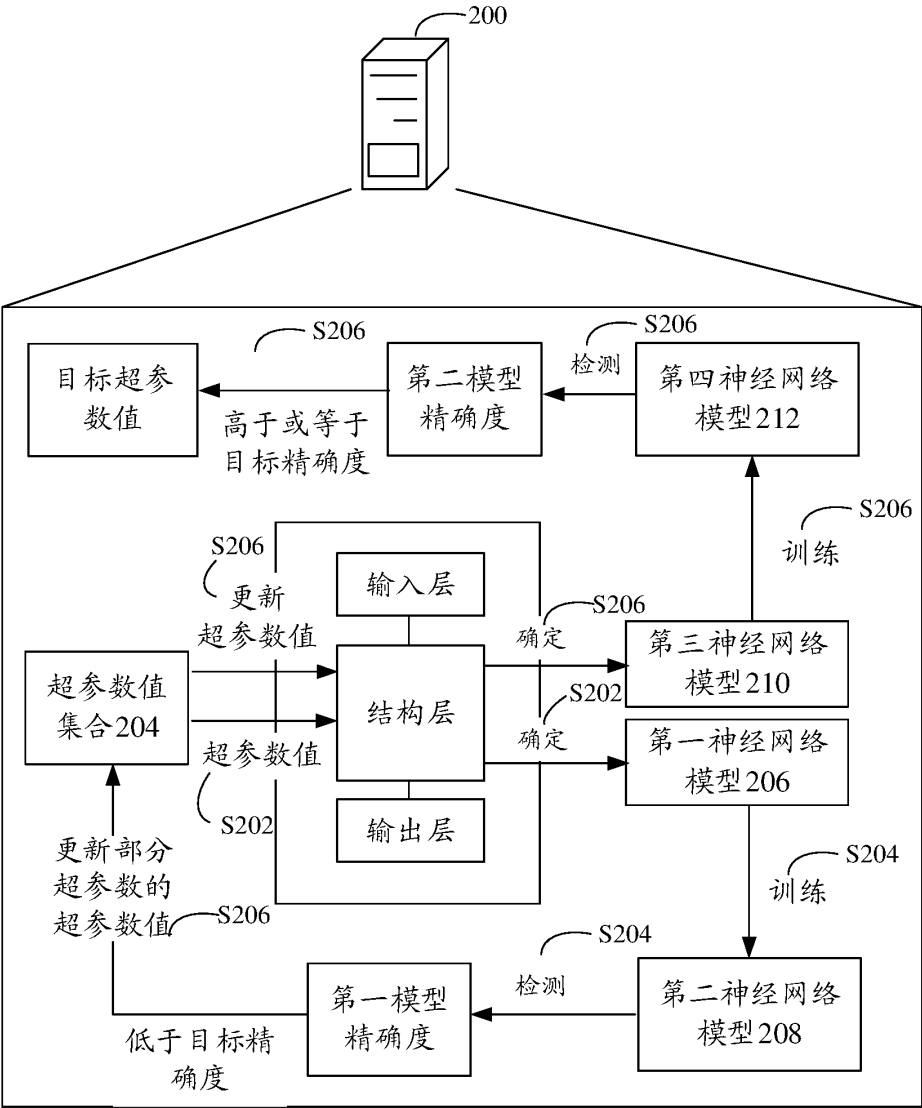


图 3

层/运算	超参数
卷积	卷积核数量 卷积核通道数 卷积核宽度 卷积核高度 水平方向步长 垂直方向步长
池化	池化核高度 池化核宽度 水平方向步长 垂直方向步长
全连接	神经元数量
激活	激活函数类型 各种激活函数的参数
相加 (add)	无
拼接 (concat)	无

图 4

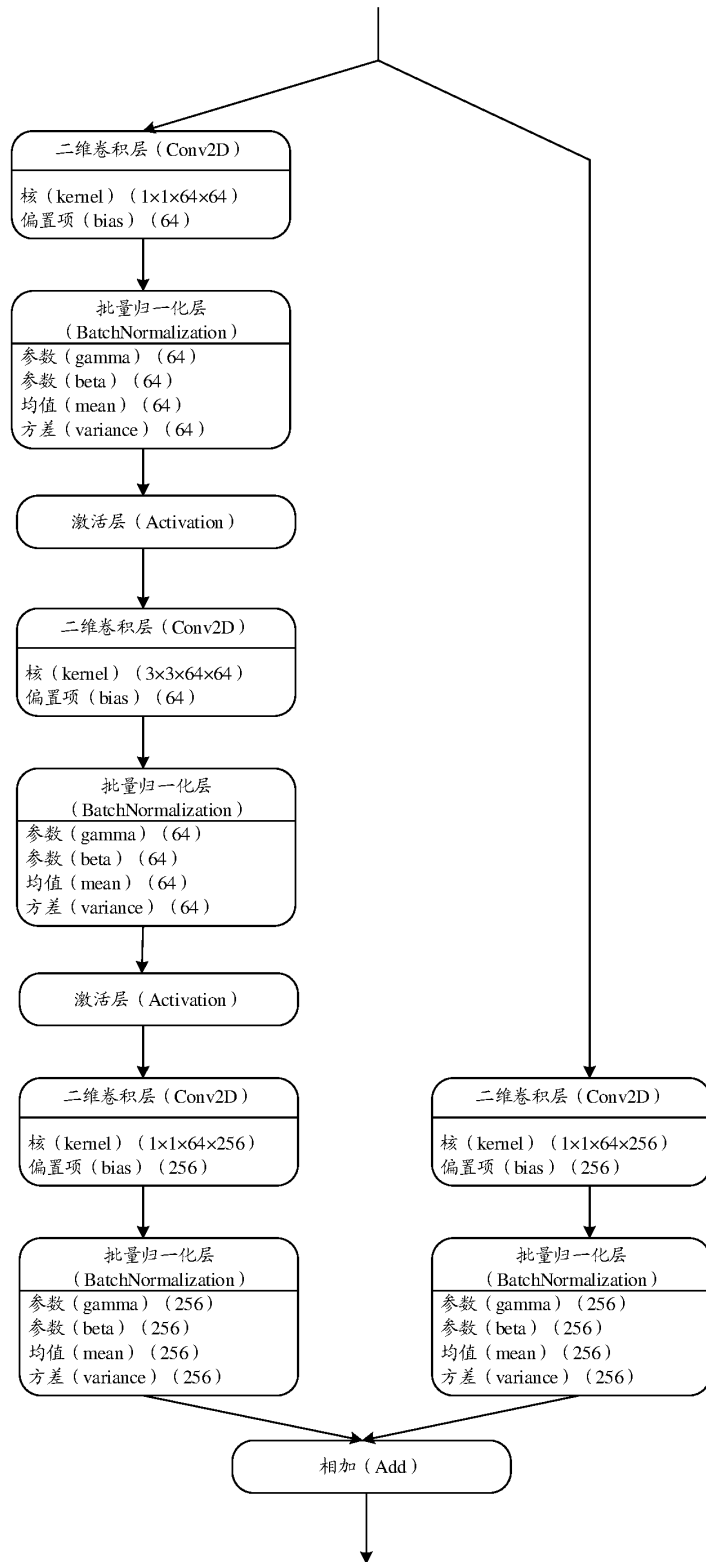


图 5

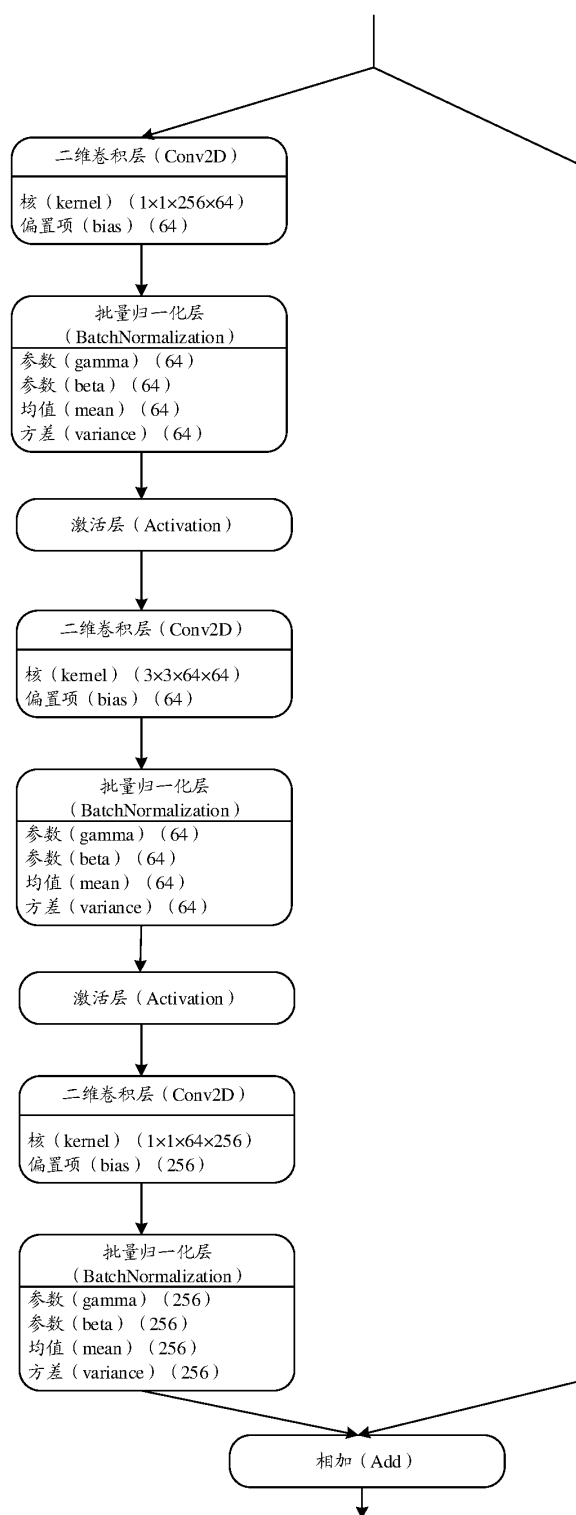


图 6

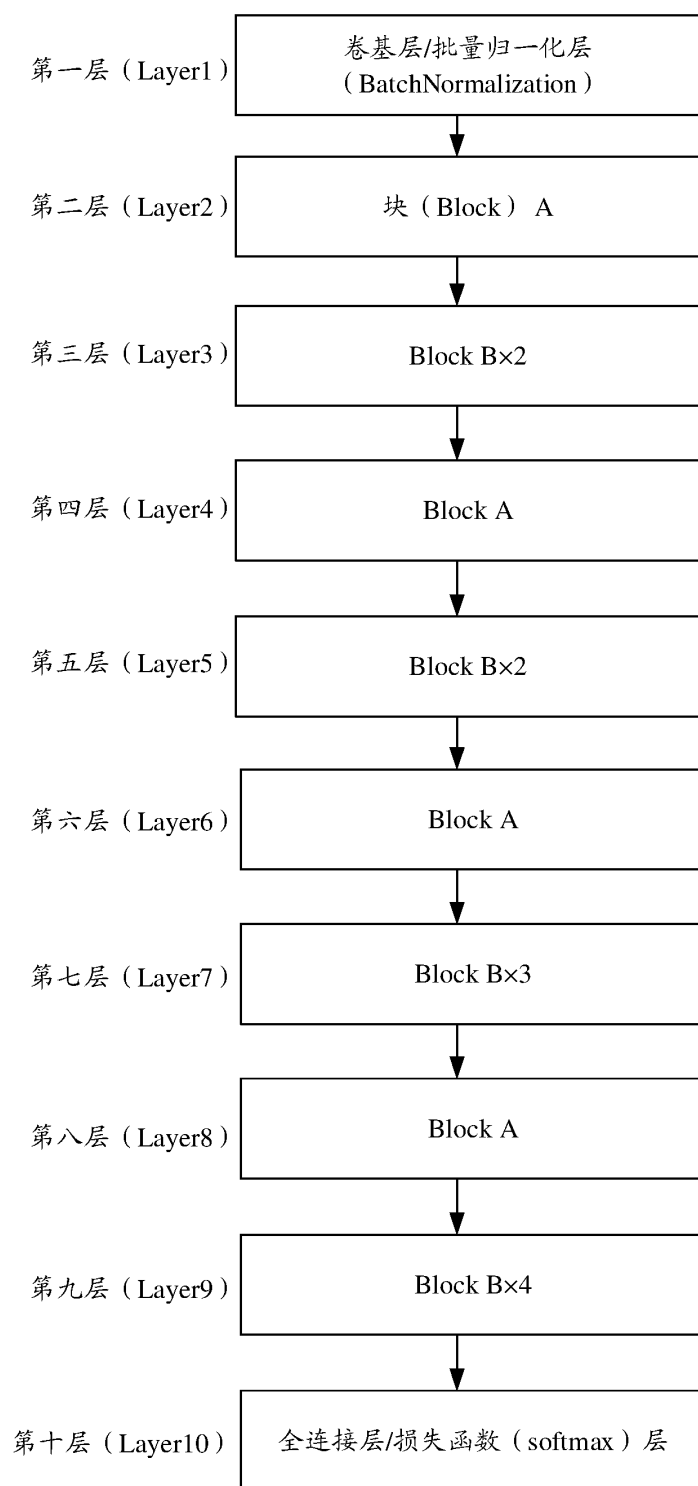


图 7

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"batch_size": {"type": "choice", "value": [8, 16]},
"learning_rate": {"type": "choice", "value": [0.00005, 0.000075, 0.0001, 0.000125, 0.00015]},
"conv0_filter": {"type": "choice", "value": [2, 4, 6, 8]},
"block1_filter": {"type": "choice", "value": [2, 4, 6, 8]},
"block1_repeat": {"type": "choice", "value": [1]},
"block2_filter": {"type": "choice", "value": [4, 6, 8, 12]},
"block2_repeat": {"type": "choice", "value": [1, 2]},
"block3_filter": {"type": "choice", "value": [6, 8, 10, 12]},
"block3_repeat": {"type": "choice", "value": [1, 2, 3, 4, 5, 6, 7, 8]},
"block4_filter": {"type": "choice", "value": [8, 12, 16, 20]},
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"block5_filter": {"type": "choice", "value": [12, 16, 20, 24]},
"block5_repeat": {"type": "choice", "value": [1, 2, 3, 4]},
"pool1_filter": {"type": "choice", "value": [12, 16, 20, 24]},
"pool2_filter": {"type": "choice", "value": [10, 10, 10, 22]},
"pool3_filter": {"type": "choice", "value": [8, 12, 16, 20]}
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图 8

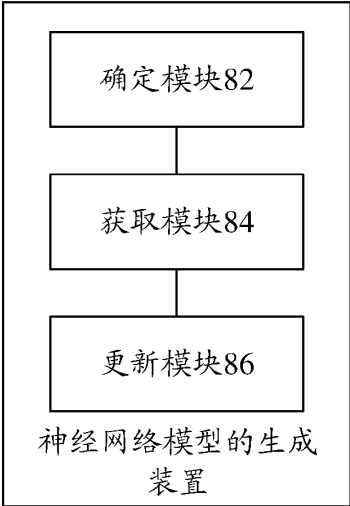


图 9

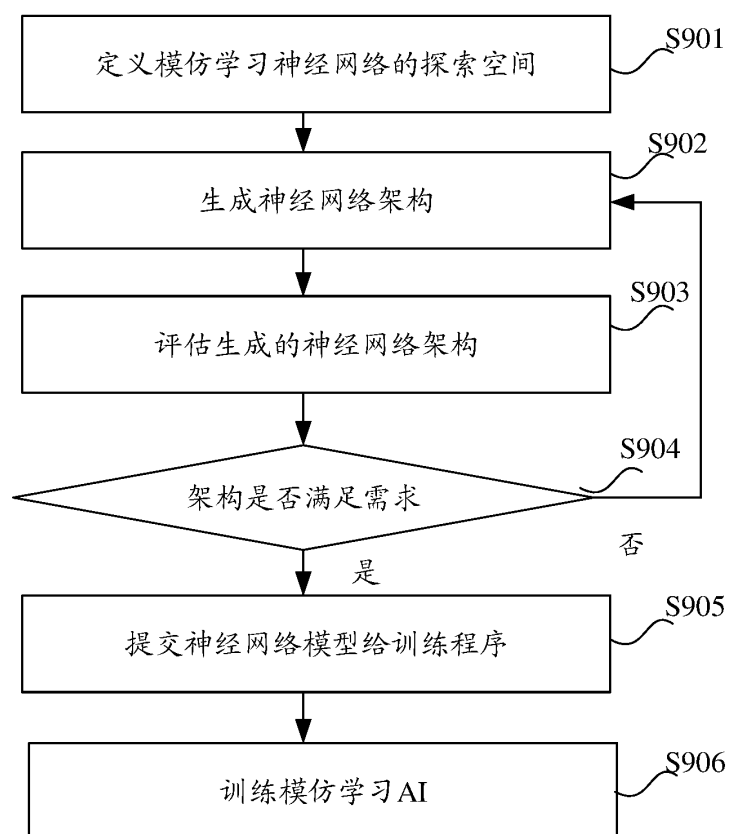


图 10

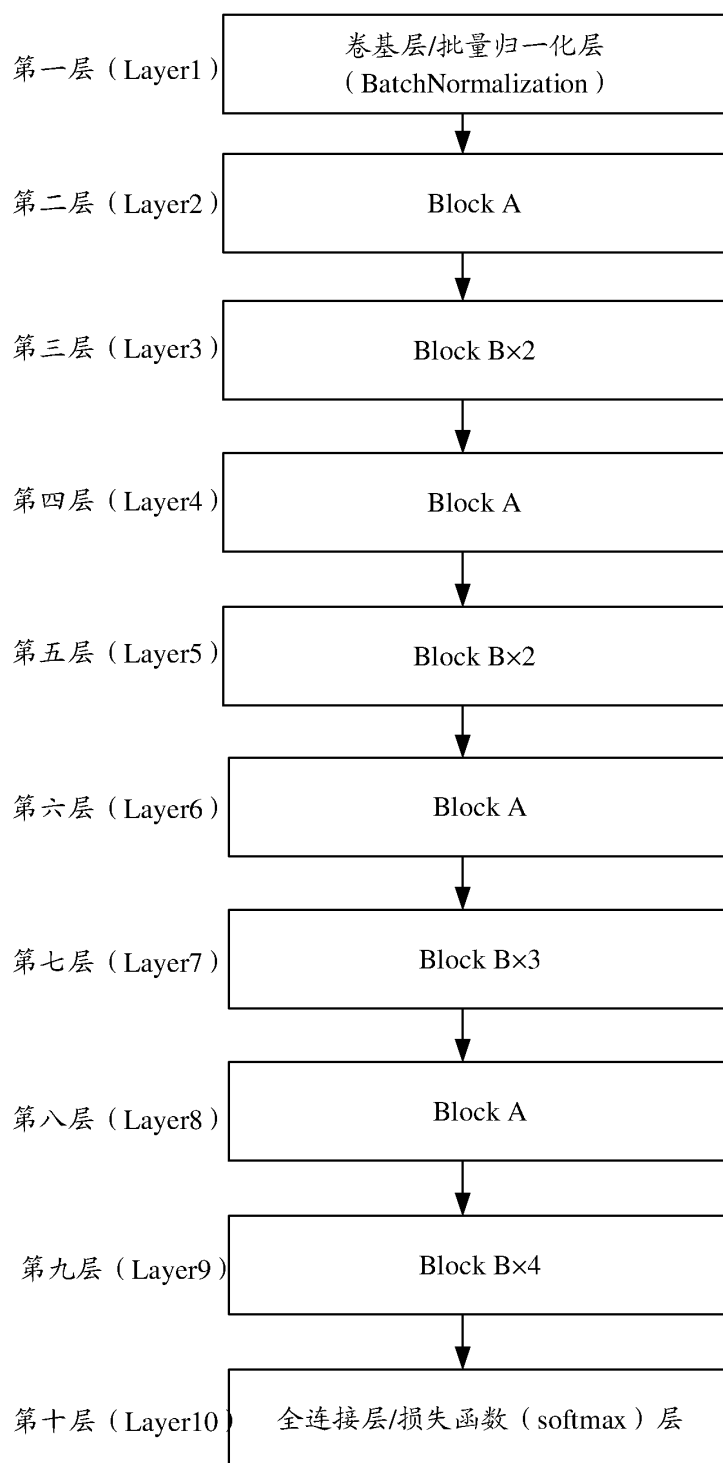


图 11

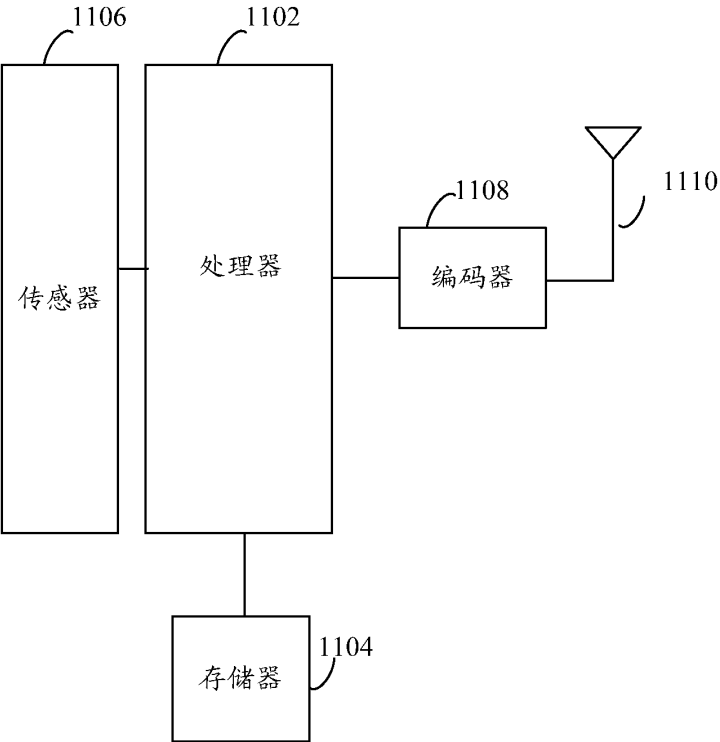


图 12