WdPublisher Software Specification

Overview

XXXX

Software Operation Specification

XXXX

State Machine Definition

Neutral

T1

T2

T2

T4

Active

Idle

T3

**Fig.** State transition diagram of Publisher

|  |  |
| --- | --- |
| **State Name** | **Description** |
| Neutral | Application is running, Established BT connection to Controller |
| Active | Handle SmartPad, Keep BT connection to Controller, IP connection to Broker is established. Send stroke packet to Broker every time SmartPad send. |
| Idle | Keep BT connection to Controller, Keep handling SmartPad, Keep IP connection to Broker, Do not send stroke packets to Broker. |

Transition Definition

|  |  |  |
| --- | --- | --- |
| **Symbol** | **Transition Name** | **Description** |
| T1 | RunPublisher |  |
| T2 | StopPublisher |  |
| T3 | SuspendPublisher |  |
| T4 | ResumePublisher |  |