

# DAFTAR GAMBAR

Gambar 2. 1 Autonomous Boat .....	6
Gambar 2. 2 Unmanned Surface Vehicle .....	7
Gambar 2. 3 LoRa .....	8
Gambar 2. 4 MQTT (Message Queuing Telemetry Transport) .....	8
Gambar 2. 5 LilyGO T-Beam v1.1 .....	9
Gambar 3. 1 Blok Diagram Autonomous Boat .....	12
Gambar 3. 2 Model Sistem Autonomous Boat.....	13
Gambar 3. 3 Model Sistem Gateway .....	14
Gambar 4. 1 Keseluruhan Sistem .....	19
Gambar 4. 2 Pengujian Sistem Gateway .....	24
Gambar 4. 3 Pengujian Penerimaan Data.....	25
Gambar 4. 4 Hasil pengujian yang diterima .....	28