Screen View Protocol

Josh Brown

November 24, 2021

Contents

L	Abstract	3
2	Definitions	4
3	Frame Protocol	4
	3.1 Initialization	4
	3.2 Frame Data Packet	4

1 Abstract

Screen View is an end to end encrypted remote screen viewing and controlling software. This document describes the protocols necessary to make it function.

2 Definitions

The following definitions are used:

- $\bullet\,$ Host The user that wants to share their screen to the Client
- Client The user that wants to view and control the Host's screen
- Server The intermediary server used for routing and proxying data between the Host and the Client

3 Frame Protocol

The $Frame\ Protocol$ is used to communicate screen data from the Host to the Client.

3.1 Initialization

3.2 Frame Data Packet

The frame data packet contains an update of a particular grid location.

sequence Number (4 bytes)	size (2 bytes)	Grid Number (2 bytes)
da		