

# WHITEBOX SERIES G4S W-DMX™

WWW.WIRELESSDMX.COM

## PRODUCT CUT SHEET



### WHITEBOX F-1 TRANSCEIVER

### WHITEBOX F-2 TRANSCEIVER

| Input protocols                |   |
|--------------------------------|---|
| USITT DMX 512 & DMX 512-A      | Yes   |
| ArtNet I/II/III, s/ACN         | Yes, optional   |
| RDM ANSI E1.20 <sup>(2)</sup>  | Yes   |
| DMX Structure                  |   |
| Number of universes per device | 1   2   |
| Number of DMX channels         | 512   1024  |
| DMX Latency                    | < 5ms   |
| Max. Universes in coexistence  | 32   64   |
| Input/Output opto isolation    | Yes   |
| Error correction (Invisi-Wire) | Yes   |
| DMX Fidelity (Data-Safe)       | Yes   |
| Radio Technology               |   |
| Adaptive Frequency Hopping     | Yes   |
| W-DMX™ G3 compatibility        | Yes   |
| 2.4 GHz                        | Yes   |
| 5.8 GHz <sup>(1)</sup>         | Yes   |
| Standard range                 | Up to 700 meters (line-of-sight)  |
| Expandable range               | Unlimited (with optional antennas)  |
| External Antenna               | Yes   |
| Sensitivity (0.1% PER)         | -97 dBm   |
| Modulation Method              | GFSK  |
| Normal Power Mode 2.4 GHz      | 100mW   |
| Maximum Power Mode 2.4 GHz     | Up to 450mW   |
| Connectors                     |   |
| DMX Connectors                 | 1 Ethernet RJ45 connector<br>1 DMX 3-pole I/O (internal)   1 Ethernet RJ45 connector<br>2 DMX 3-pole I/O (internal) |
| AC Input                       | Internally Wired - 90-250V / 50 - 440 Hz  |
| DC Input                       | No  |
| Antenna Connector              | N-Type  |
| Supplied Accessories           | 3dBi omni-directional antenna, phoenix connector, 90° angle adapt.  |
| Physical                       |   |
| Net Weight                     | 1.2 Kg [2.96 lb.]   |
| Gross Weight                   | 2Kg [4.41 lb.]  |
| Packed Dimensions              | W x D x H: 330 x 300 x 80 mm [13" x 11.8" x 3.15"]  |
| Product Dimensions             |   |
| Mounting                       |   |
| Mounting Brackets              | Included (2 screws)   |
| Environmental                  |   |
| Temperature Range              | 0° C - 45° C [32° F - 113° F]   |
| Humidity                       | 90%   |
| IP Rating                      | IP 65   |

<sup>(1)</sup> 5.8 GHz is not available in all countries, please check with your local distributor.

<sup>(2)</sup> RDM only available in G4S radio modes. Covered by one or more claims of patent No 7,432,803, and/or by other patent applications and corresponding foreign patent applications pending.

Radio cards are ETL and c/ETL approved.  
Certified Worldwide (FCC, ETL and c/ETL (Radio Cards), ETSI, CE, Taiwan and Russia)



WIRELESS SOLUTION  
MADE IN SWEDEN



CANADA ICES-003



RFC-CFA E1551