

LANDMARK

Digital UHF IOT Transmitter
15kW to 100kW and beyond



**LANDMARK (IOT)
30KW ATSC**

LANDMARK: Rugged. Reliable. Renowned.

LARCAN's Landmark Series of UHF IOT Transmitters is designed for power, precision and performance. The ultimate in digital broadcasting – from 15kW to 100kW strong, Landmark is built for broadcasters that demand a serious IOT-based high power digital transmitter.

Landmark continues to make its mark as the premium standard – delivering outstanding performance through solid design and superior quality.

*Landmark – Unlimited Capabilities.
Experience Digital IOT Power at its Best.
Choose 15kW to 100kW and beyond!*

- High Efficiency IOT
- State-of-the-art Digital Modulator for Optimum Performance
- IOT Protection and Control Circuitry
- 'Fail Safe' Personnel Safety and Protection
- Multiple Microprocessors use Advanced 'Bulletproof' Software
- Distributed Control Architecture
- Ease of Installation and Maintenance
- Superior Dependability

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LOOK TO LARCAN FOR TRULY MADE TO MEASURE SOLUTIONS

The Landmark Series delivers digital UHF at its best - with the high performance and reliability your broadcast deserves. Developed and built with the same renowned LARCAN quality of our solid state broadcast solutions, Landmark seamlessly melds proven technology with rugged performance and rich delivery. Designed from 'start to service' through LARCAN customer-fit engineering.

The ultimate in design - Landmark integrates unique LDMOS technology with advanced control architecture. LARCAN's leading-edge technology and experience ensure you the highest quality broadcast signal. Rugged and Reliable - Landmark is your made to measure solution.

*Looking For a Better Fit?
We hear you. Loud and clear.*



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LANDMARK 30kW Specifications

ATSC Transmitter

Output	Power	30kW
	Frequency	470-860 MHz
	Output Connector	6 1/8" EIA Flanged
	Out-of-Band Emissions	FCC Mask
	Signal-to-Noise	30 dB
	EVM	3%
	Pilot Phase Noise	-105 dBc/Hz (20kHz offset)
	Precision Frequency Offset Option	Any offset, 1Hz step size
	Pilot Carrier Frequency Stability	±150 Hz

Input	Interface	SMPTE310M
	Bit Rate	19.39 MHz
	Symbol Clock Frequency	10.762238 MHz
	Impedance	75 ohms

General	Power Requirements	90 kVA
	Voltage	480V VAC 3 Phase Wire
	No. of Cabinets	3
	Temp Range	0 to 40°C
	Altitude	to 7500 ft.
	Humidity	95%
	Cooling	Liquid

Dimensions	Height	76 inches
	Width	92.75 inches
	Depth	40.27 inches

A made to measure solution for your DTV transition - Landmark takes full advantage of the most advanced technology - giving you the ultimate edge in efficiency and reliability. The result is digital innovation and precision performance. Rugged. Reliable. Renowned. LARCAN, your best digital fit.

