



Integration Experts for Curved and Spherical Displays

#### Optimized NVG Training

IDS's JTAC domes use IR-enabled projectors specifically engineered to optimize full spectrum training for night vision devices.

#### Projection Systems

Multi-channel COTS projector solutions offering a range of illumination systems including UHP, LED, LED+IR and alternative light source.

#### High Resolution Terrain

Optimized high-resolution databases increase realism for ground-based or air-based training through simulated terrain in day or night.

#### MOA Accreditation

Providing visual systems for JTAC simulation, including AAJTS, AJTS, CFFT3, JTAC-TRS and JFPL that are accredited for Type 1, 2 and 3 day/night controls.

#### Individual and Group Training

Display systems from 3 meters up to 8 meters (diameter) are available to support Joint Fires training for individual JTACs, JFOs, FACs as well as joint fire support teams of up to 8 members.

#### Highly Configurable

A wide range of configurations can be designed to fit the customer's specific application and budget.

## JTAC/FAC

### Providing Immersive Display Solutions for JTAC/FAC Training

For a fully immersive Joint Fires training experience, IDS offers a wide range of visual display solutions. Our JTAC domes are built using COTS display components that meet our clients' unique training requirements. Through the use of multi-channel display systems our solutions offer a highly immersive environment for Joint Fires training.



## Overview

For a fully immersive Joint Fires training experience, Immersive Display Solutions, Inc. (IDS) offers a complete visual display solution. Optimized high-resolution databases increase the realism of training through simulated terrain in day and night, and on land or in the air through full-spectrum time-of-day simulation. Our JTAC domes are built using COTS display components that meet our clients' unique training requirements. Through these multi-channel display systems, we offer an ideal, highly immersive environment for individual JTACs, JFOs or FACs as well as Joint Fires support teams of six to eight members.

## Technical Specifications

Model	300 Enhanced	400 Enhanced	500 Enhanced	600 Enhanced
Display	3-meter dome	4-meter dome	5-meter dome	6-meter dome
FOV	220 H x 90V (+60/-30)	240 H x 100V (+70/-30)	270 H x 100V (+70/-30)	240 H x 120V (+90/-30)
Geometry	Spherical	Spherical	Height Modified Spherical	Height Modified Spherical
Projector Type	DLP	DLP	DLP	DLP
Illuminator	LED/LED+IR	LED/LED+IR	LED/LED+IR	LED/LED+IR
Projector Resolution	WQXGA	WQXGA	WQXGA	WQXGA
Projector Count	6	10	14	12
Resolution, arc-min/pixel	2.0	1.8	1.6	1.7
Resolution, arc-min/OLP (10% MTF)	4.2	3.8	3.2	3.7
Footprint, W x Dx H	12'x13'x11'	16'x16'x12'	20'x19'x12'	22'x20'x12'
Projectors - Electrical	120-240 V @ 50/60 Hz	120-240 V @ 50/60 Hz	120-240 V @ 50/60 Hz	120-240 V @ 50/60 Hz
VDS Max Power, Amps	20	35	50	40
VDS Thermal, BTU/hour	<6600	<11000	<15400	<13200
Delivery Timeframe, ARO	8 weeks	8 weeks	10 weeks	10 weeks

## About IDS

IDS innovates and integrates a range of visual display products and services to deliver cost-effective immersive simulation and training experiences to military and commercial customers worldwide. IDS partners with its clients to design and integrate both commercial off-the-shelf and custom-designed cylindrical, panoramic and spherical projected visual display solutions.

