

# The VIC-3D™ Coded Calibration Targets

by Correlated Solutions, Inc.

## New VIC-3D™ Coded Calibration Target Set

New for 2013 Correlated Solutions, Inc. has re-designed the VIC-3D™ calibration targets. The new calibration targets are fabricated from an aluminum sandwich material with a polymer core providing ultimate rigidity. The aluminum faces are coated with a tough polyester coating for increased durability. The calibration targets are now specially coded, enabling the analysis software to automatically detect the spacing of each target, increasing the overall robustness and ease of use of the VIC-3D™ system. The new VIC-3D™ calibration targets provide many benefits, which are listed below:



- Automatic spacing detection by the analysis software VIC-3D™.
- Ultra-matte finish making the target virtually impossible to show highlights even under direct lighting or large tilts, improving system robustness and ultimately better calibration scores.
- Smaller borders (reducing the overall size) enable the targets to fit into tight spaces more conveniently.
- Some targets have reduced marker size, combined with an increased number of markers, providing improved calibration results for high pixel resolution cameras.
- Customized target sets are now available for low resolution cameras (e.g., ultrahigh speed cameras).
- Improved scratch resistance and durability.
- The new targets are waterproof and can be cleaned with standard household cleaners or with regular dish soap and water.

The new VIC-3D™ calibration target parameters are outlined in the table below:

New Target Spacing (14 x 10)	Replaces Old Target Spacing (12 x 9)	Field of View Calibrated
3 mm	4mm	30 - 45 mm
4 mm	5 mm	40 - 60 mm
5 mm	7 mm	50 - 75 mm
7 mm	9 mm	70 - 105 mm
10 mm	12 mm	100 - 150 mm
14 mm	18 mm	140 - 210 mm
20 mm	25 mm	200 - 300 mm
28 mm	35 mm	280 - 450 mm
40 mm	50 mm	400 - 600 mm
56 mm	70 mm	> 600 mm



[www.correlatedsolutions.com](http://www.correlatedsolutions.com)

Correlated Solutions, Inc.  
121 Dutchman Blvd, Irmo SC 29063  
T: (803) 926-7272 F: (803) 749-7569

**correlated**  
SOLUTIONS