

# SB-28



## The ultimate in flash photography

- 3D Multi-Sensor Balanced Fill-Flash with Monitor Pre-flashes (with F5, F100, F90X, F80 or F70 and D-/G-type AF Nikkor)
- Multi-Sensor Balanced Fill-Flash with Monitor Pre-flashes (with F5, F100, F90X, F80 or F70 and CPU lens\* except D-/G-type AF Nikkor and IX-Nikkor)
- Matrix Balanced Fill-Flash (with F4 series, F65, F60 or PRONEA 600i and CPU lens\*\*)
- Slow Sync (with F5, F100, F90X, F80, F70, F65, F60, F55, PRONEA 600i, D1 series or D100)
- Red-Eye Reduction (with F100, F90X, F80, F70, F65, PRONEA 600i, D1 series or D100)
- FP High-Speed Sync (with F5, F100, F90X, D1 series or D100)
- AF-Assist Illuminator (with any Nikon AF SLR)
- Repeating Flash
- TTL/Manual flash output level compensation
- Built-in bounce card
- Automatic power zoom coverage from 24mm to 85mm (with F5, F4 series, F100, F90X, F80, F70, F65, PRONEA 600i, D1 series or D100 and CPU lens)
- Built-in wide flash adapter to cover 18mm
- Tilting/rotating flash head
- LCD panel with illumination

\* CPU lenses refer to those AF Nikkor, AI-P Nikkor or IX-Nikkor lenses which feature a built-in microcomputer and CPU contacts.

\*\* With F4 series, AI-S or AI Nikkor lenses are also usable.

## SB-28DX

Nikon Speedlight designed specially for the Nikon D1 series

In addition to offering all the features of Nikon's SB-28 Speedlight, this flash unit enables TTL flash control capability for the D1 series Nikon professional digital SLR. The SB-28DX provides most of the same advanced flash control features as the SB-28 Speedlight, and is compatible with current Nikon SLR cameras. The SB-28DX features 3D Multi-Sensor Balanced Fill-Flash, designed specifically for the D1 series and D100. It also equips the D1 series with AA (Auto Aperture) Flash capability.

SB-28DX can not be used with F55.



Nikon D1 with the SB-28DX



Built-in bounce card



Built-in wide flash adapter

## SB-28/28DX Specifications

**Electronic construction:** Automatic Insulated Gate Bipolar Transistor (IGBT) and series circuitry

**Flash exposure control:** TTL automatic control with Nikon F5, F4 series, F100, F90X, F80, F70, F65, F60, PRONEA 600i, FM3A, D1 series or D100 (SB-28DX only); Non-TTL automatic control; Manual control: full, 1/2, 1/4, 1/8, 1/16, 1/32 and 1/64 output

**Guide number (ISO 100, m/ft):** 36/118 (with zoom head set at 35mm)

**Flash coverage:** 85mm, 70mm, 50mm, 35mm, 28mm, 24mm; 20mm, 18mm (with built-in wide flash adapter)

**Film speed range in TTL auto flash mode:** ISO 25 to 1000

**Recycling time:** Approx. 6.5 sec. (Manual at full)

**Number of flashes:** Approx. 150 (Manual at full)

**AF-Assist Illuminator:** Automatically fires LED beam toward subject when performing autofocus with Nikon AF SLRs in low-light conditions: cancelable

**Power source:** Four 1.5V LR6 (AA-type alkaline), 1.2V KR-AA (AA-type NiCd) or 1.5V FR6 (AA-type lithium) batteries; DC Unit SD-7<sup>1,2</sup>; Battery Pack SD-8A<sup>2</sup>

<sup>1</sup> SD-7 is not available in European countries.

<sup>2</sup> SD-7/8 cannot be used with the SB-28/SB-28DX sold in European countries.

**Dimensions (W × H × D):** Approx. 69 × 128 × 90mm or 2.7 × 5.0 × 3.5 in. (without mounting foot)

**Weight (without batteries):** Approx. 320g or 11.4 oz.

**Other features:** Ready-light, open-flash button, sync/multiple flash terminal, LCD panel illumination

Specifications and designs are subject to change without any notice or obligation on the part of the manufacturer.

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April 2002

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