



The power to do more

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INFORMATION

GADGETS

TECHNOLOGY



Starting with a Nikon!

Part:2

Last week we highlighted some of the special features of going the Nikon route. Today we pick the best models for beginners and soon-to-be pro users.

The Beginner:

The "entry level" mostly features upgrades of D3100 and D5000. These are targeted at enthusiasts who are just entering the DSLR field but have a strict budget restraint. Take for instance the D3300 DSLR (priced around BDT 40,000 body only, with 18-55 VR II BDT 48,000). For example, the semi pro D7100 has 51 Autofocus points, 11 of them are cross types (can focus in extremely difficult situation), whereas D3300 has only 11 and none of them is cross type. Entry level cameras don't have any built-in auto focus motors; these cannot auto-focus older lenses that don't have an internal focusing motor. So you pay more for the auto feature. The legendary 50mm prime 1.8/D costs only BDT 8,500 whereas its Twin brother 50mm 1.8 G (with motor) costs about BDT 20,000.

If you plan to shoot in the dark a lot, don't get fooled by ISO numbers of 12800 of D3300 or D5300. These are hardly usable. The new D3300 has an amazing noise performance up to ISO 6400 which is quite remarkable at this price range. Semi-pro models like D7100, D300s can shoot at higher ISOs without getting affected by too much noise.

Speaking of image quality, Nikon has started a revolution by omitting the OLPF (Optical Low pass filter) from their image sensors in recent cameras like D5300 & D3300 (first introduced in D7100). This enables you to take super sharp images and to use your sensor's full capacity. OLPF was included in past cameras for avoiding the Moiré patterns by softening the image.

In my opinion D5300 is a bit of a waste of BDT 15,000 extra to get a rotating LCD



(BDT 55,000 body only). I will suggest getting the amazing D3300 with 18-55 VR II (a super sharp lens at a very cheap price) if you opt to take occasional family or landscape pictures. No internal motor? Not a problem as all new Nikon lenses come with internal motors. And yes there is Full HD video. I wouldn't suggest D3200, D5200 or D5100 as these models are getting obsolete.

The intermediate pros:

For more serious users, I don't recommend a full-frame camera initially unless you want to start with sports or underwater photography. Full-frame has big advantage in noise reduction in low light shots. As their image sensors are larger, you can utilize higher ISO in the dark to get brighter images. How it works? A 24 MP FX sensor is 1.5 times larger than the cropped one. Therefore pixel size is bigger. So one pixel can capture more light data, thus producing such low noise and high details. But, in most general cases you won't need more than ISO 3200. Besides, FX bodies and lenses are way pricey. For example,

D7100 has almost the same picture quality of D610 (FX) but costs BDT 55,000 more! Go buy good lenses instead. Fun thing is lens compatibility is higher for DX bodies. You can use FX lenses as well as cheap but excellent DX Nikkor lenses.

For the mid range user, D7100 is absolutely an outstanding performer. It is presently world's best DX/crop sensor camera (see DXOMark or snapsort rating of it). Weather sealed and strongly build coupled with speed 3 sensor and ground breaking dynamic range, this camera will get most things right.

D7100 renders colors and white balance quite accurately. Seems Nikon will not release the anticipated D400 (successor of Legendary D300s) as D7100 suffices. Priced at BDT 75,000 taka (only body) and with excellent 18-105 VR lens it's about BDT 93,000. There is no point of buying D300s (very rare in market now) with BDT 120,000 (yes you read that right) which is highly overpriced and no match for D7100.

Then there's the D7000 with similar picture quality (but poorer processing, MP,

white balance etc.) At BDT 56,000, you're actually better off ignoring this and going for the all-time legend D90 instead. It's selling at BDT 43,000 body only and provides beautiful color tones and noise performance and its build quality is rock solid. It's one of the biggest sellers and Nikon is still producing it. Video is rubbish though.

Conclusion:

Digital imaging has progressed tremendously over the last five years. Low range models always were chasing higher megapixels as users of this range are only concerned about the myth of high megapixel. But the current batch of new entry models also focus greatly on image processing, dynamic range, color depth and white balancing.

So bottom line? As a newbie you can look into D3300 for starters. With more money and more professional requirements, opt for D7100.

Write is chief photographer/ founder of Adroit Productions and big fan of Nikons, obviously.

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HANDS ON REVIEW

ZTE MF70

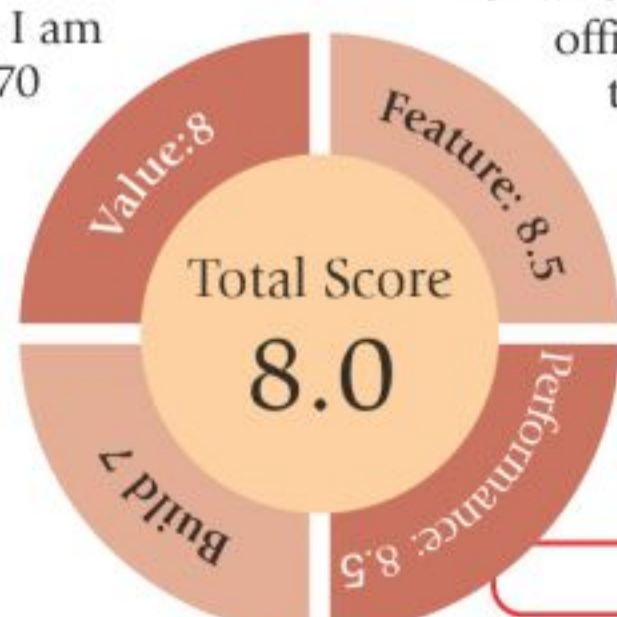
When mobile operators are providing 3G at a competitive rate, it's high time we review some 3G USB modem, right? OK, if that's what you want, that's what you



get. Here today review the ZTE MF70 3G Wi-Fi modem.

Without any further ado, I am going to talk about ZTE MF70 which is a 3G dongle plus Wi-Fi modem and router: one-in-all, giving you your very own personal Wi-Fi hotspot when plugged into the USB. Getting the modem readied is pretty much

straight-forward: just put a SIM card of your local carrier into the MF70 and connect it to a USB power source and you are ready to go. No need to setup. After testing it, we noticed that 4 to 10 devices can connect to it simultaneously without any hiccup, but its best to use the minimum i.e. from my usage I recommend 3 to maximum 5 devices is thumbs up. What I liked about this modem is there is no connection manager or complex start up procedure. This means you don't need a PC or laptop to use it, just slot it into a USB power adapter to plug it into a wall socket for when you're at home or in the office or in the move. The twinkling light of modem actually says a lot. Blue means Wi-Fi is ON, Red means No internet connection although properly powered ON and Green means 2G is ON. Simple, ain't it?



MD. A. ALIM SHUVO

SPECS

- Unlocked for all GSM/UMTS operators
- Download speed up to 21Mbps and Upload up to 5.76Mbps
- Plug and Play
- 2 Indicator LED (Blue=3G modem and router on, Green= 2G modem)
- Platform: Qualcomm Chipset MDM8200A
- HSDPA/UMTS 850 / 2100Mhz

- EDGE/GPRS/GSM 1900/1800/900/850MHz
- IEEE 802.00b/g/n wireless LAN can share up to 10 Wi-Fi enabled Devices
- Micro SD up to 32GB, SMS & Phone Book
- Support Windows 7, XP, Vista, Linux, Mac OS
- Price: Teletalk Bundle offer at the price of 3600BDT with 10GB free data

JUST IN

ASUS Fonepad Note 7 Tablet PC

ASUS Fonepad 7 ME175CG is a brilliant 7-inch tablet with a HD 1280x800 IPS display dual SIM supported tablet PC. Fonepad 7 Dual SIM is designed to keep your personal and professional life in the palm of your hand. It is the world's most innovative combination of mobile phone and tablet which is having the feature of voice call option with 3G mobile data or internet. The tablet PC is powered by 1.2 GHz Intel Z2520 dual-core processor with Hyper-Threading technology and runs on Android 4.3 Jelly Bean OS. It sports dual-camera, 1GB memory, 8GB data storage, Wi-Fi, Bluetooth, micro-USB interface etc.

Price: Tk. 18,800/-



Dell N3437 with 1TB HDD

Just in time for the back-to-school season, Computer Source Limited (CSL), leading ICT product and service provider in BD has released Dell Inspiron N3437 with 1TB storage capacity for the students and home users to do anything they need to without worrying about budget. This fourth Gen 14 inch Laptop comes with Core i5-4200U processor, 4 GB DDR3 RAM, 1 TB 5400RPM SATA Hard Drive, Intel HD Graphics 4400 and 8 Series Express Chipset. Total weight of this



Gray-black and Blood-Red stylish Notebook is below 2 Kg. It also contains HDMI, RJ-45 output port, 2 USB-3 and 1 USB 2 port, Multimedia Card reader and built in Bluetooth 4.0 along with all types of portable PC facilities.

Price: Tk. 50,600/-

ASUS VN289Q LED monitor 178° ultra wide view with eye-care function

ASUS VN289Q with wide viewing angle and new SplendidPLUS mode adopts new Flicker-Free technology, which clear the annoying flicker and brings comfort viewing experience. Also by effectively reducing blue light, ASUS adopt new user modes for visual pleasure. The 28" sized screen monitor featuring VA (vertical alignment) panel technology. VN289Q adopts 178°(H) / 178°(V) ultra wide viewing angle VA panel that eliminates color shift on your screen no matter where and how you look at it. ASUS VividPixel Technology helps enhance image outlines and reduce noise bars for crystal-clear and detail-oriented viewing. Mobile High-Definition Link (MHL) technology allows users to experience any MHL supported mobile devices on the big screen while simultaneously charging the devices.

Price: Tk. 42,000/-

TECH HAPPENING

Samsung unveils Galaxy S5 in Bangladesh partnered by Robi



Samsung Electronics Bangladesh has unveiled the latest flagship device Galaxy S5 in Bangladesh partnered by one of the leading telecom operators in the country, Robi. The latest innovation of Samsung will be available in the Bangladesh market from April 11, 2014.

Priced at BDT 60,000 the Galaxy S5 is available with EMI of 12 months. Featuring super fast 2.1 GHz Octa core processor, The Galaxy S5 is dust and water resistant and offers a Finger Scanner, providing a secure, biometric screen locking feature. With the enhanced S Health 3.0, the new Galaxy S5 offers more tools to help people stay fit and well. The Galaxy S5 combines an advanced camera, the fast network connectivity, dedicated fitness tools and enhanced device protection features as consumers stay fit and connected in style.

HatirJheel Dream Begins

A local Bangladeshi racing game for PC hits the market



TECH BITS

E-Krishok nominated for WSIS 2014 Awards



Heartbleed, a internet security vulnerability was detected this week



Microsoft tests Live Tiles you can use without leaving the Start screen



Amazon phone reportedly coming in September with glasses-free 3D



Samsung Galaxy S5 Developer Edition coming soon to Verizon

