No. IV-21011/38/2009-Prov-I  
Government of India  
Ministry of Home Affairs  
26, Man Singh Road, Jaisalmer House,  
New Delhi, 5.10.2009

To

The DGs: Assam Rifles/BSF/CISF/CRPF/ITBP/NSG/SSB/BPR&D

Subject:- QRs/Technical Specifications for the Security Gadgets - regarding

The QRs/Technical Specifications for the following Security Gadgets have been accepted and approved by the Competent Authority in MHA:-

1. IP Camera Based Video Surveillance System (Annex-A)
2. Flap Gate (Annex-B)
3. Half Height Turnstile Gate (Annex-C)
4. Revolving Search Light (Annex-D)
5. Handy Case (Annex-E)
6. Ultra Violet Desktop (Annex-F)

2. Henceforth, all the CPMFs should procure the above items required by them strictly as per the laid down Technical Specifications/QRs.

(R.S. Sharma)  
Director (PrvP)

Copy to:-

DD(Procurement), MHA

Copy for information to:-

PS to JS(PM), MHA
TECHNICAL SPECIFICATIONS OF HANDY CAM

1. **Video format**: HD: MPEG4 AVC/H.264
2. **Video Signal**: HD: 1920 x 1080
3. **Weight With battery**: not more than 600 gm
4. **Dimensions**: 80 mm x 80 mm x 150 mm max
5. **Hardware**
   - Manual / Auto Lens Cover: Manual
   - Memory Stick slot
   - Zoom button
6. **Imaging Device**: CMOS sensor
   - **Video Resolution**: 1920 x 1080
   - **Still Picture Resolution**: 3 mega pixel or better
7. **Power**
   - **Battery Type**: Rechargeable Battery
   - **Power Requirements**: between 4 to 8V
   - **Power Consumption (in Operation)**: Not more than 7 W
8. **It should have features like film roll index, fade effect, photo capture from movie, easy operation, multiple language mode, slide show mode.**
9. **Optical Zoom**: 10x
    - **Digital Zoom**: 12x
10. **Focus**: Full range Auto / Manual
11. **LCD Screen**: 2.5 to 4 inch approx
12. **Recording Media**: Min 60GB Non-Removable Hard Disk Drive, one memory stick of at least 8 GB separately.

(D.D. Sharma)  
J.D.D/Tech, IB  

(R.C. Chilkoti)  
DIG, BSF, STS,  

(Nitin Agrawal IPS)  
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