

# Bosch Video Over IP Quick Guide



**BOSCH**

Invented for life

## Standard

## Rugged

## Multi-Channel



|                           | VIP 10                         | VIP X1AP                       | VideoJet X10 SN       | VIP X2A                        | VideoJet X20 SN       | VideoJet X40 SN       | VIP XDA                   | VideoJet X10 Rugged  | VideoJet X20 Rugged  | VideoJet X40 Rugged  | VIP X1600 Base                   | VIP X1600 XF Base         | VIP X1600 Encoder (Audio) | VIP X1600 XF Decoder (Audio) | VideoJet 8008             |
|---------------------------|--------------------------------|--------------------------------|-----------------------|--------------------------------|-----------------------|-----------------------|---------------------------|----------------------|----------------------|----------------------|----------------------------------|---------------------------|---------------------------|------------------------------|---------------------------|
| Description               | 1 Ch. Standard Encoder/Decoder | 1 Ch. High Performance Encoder | 1 Ch. Premium Encoder | 2 Ch. High Performance Encoder | 2 Ch. Premium Encoder | 4 Ch. Premium Encoder | 1 Ch. / Quad-view Decoder | 1 Ch. Rugged Encoder | 2 Ch. Rugged Encoder | 4 Ch. Rugged Encoder | 4x4 Ch. High Performance Chassis | 4x4 Ch. Premium Chassis   | 4 Ch. Encoder Module      | 4 Ch. Decoder Module         | 8 Ch. Premium Encoder/DVR |
| <b>Video/Audio</b>        |                                |                                |                       |                                |                       |                       |                           |                      |                      |                      |                                  |                           |                           |                              |                           |
| Camera inputs/outputs     | 1                              | 1                              | 1                     | 2                              | 2                     | 4                     | 1 Out                     | 1                    | 2                    | 4                    | 4 Encoder Modules                | 4 Encoder/Decoder Modules | 4 In                      | 4 Out                        | 8                         |
| MPEG-4                    | Yes                            | Yes                            | Yes                   | Yes                            | Yes                   | Yes                   | MPEG 2/4                  | Yes                  | Yes                  | Yes                  | n/a                              | n/a                       | Yes                       | Yes                          | Yes                       |
| 30 FPS @ 4CIF             | †                              | Yes                            | Yes                   | Yes                            | Yes                   | §                     | Yes                       | Yes                  | Yes                  | §                    | n/a                              | n/a                       | §                         | §                            | Yes                       |
| Audio In/Out              | 1/1                            | 1/1                            | 1/1                   | 2/2                            | 2/1                   | 2/1                   | 1 Out                     | 1/1                  | 2/2                  | 1/1                  | n/a                              | n/a                       | 4/0                       | 1/1                          | None                      |
| <b>Storage</b>            |                                |                                |                       |                                |                       |                       |                           |                      |                      |                      |                                  |                           |                           |                              |                           |
| Type                      | None                           | USB HDD                        | CF / USB HDD          | USB HDD                        | CF / USB HDD          | CF / USB HDD          | n/a                       | CF / HDD / USB HDD   | CF / HDD / USB HDD   | CF / HDD / USB HDD   | DAS iSCSI                        | DAS iSCSI                 | n/a                       | n/a                          | HDD                       |
| Capacity                  | n/a                            | n/a                            | 8 GB CF               | n/a                            | 8 GB CF               | 8 GB CF               | n/a                       | 40 GB HDD            | 40 GB HDD            | 40 GB HDD            | 6 TB                             | 6 TB                      | n/a                       | n/a                          | 0.5/1 TB                  |
| <b>Intelligence</b>       |                                |                                |                       |                                |                       |                       |                           |                      |                      |                      |                                  |                           |                           |                              |                           |
| Direct-to-iSCSI           | No                             | Yes                            | Yes                   | Yes                            | Yes                   | Yes                   | n/a                       | Yes                  | Yes                  | Yes                  | Yes                              | Yes                       | Yes                       | Yes                          | No                        |
| Video Analytics           | No                             | IVMD 1.0                       | IVA                   | IVMD 1.0                       | IVA                   | IVA                   | n/a                       | IVA                  | IVA                  | IVA                  | IVA                              | IVA                       | IVA                       | IVA                          | Motion Detection          |
| <b>Interfaces</b>         |                                |                                |                       |                                |                       |                       |                           |                      |                      |                      |                                  |                           |                           |                              |                           |
| Alarm In                  | 2                              | 4                              | 4                     | 4                              | 4                     | 4                     | 4                         | 4                    | 4                    | 4                    | n/a                              | n/a                       | 4                         | 1                            | 10                        |
| Relay Out                 | 1                              | 1                              | 4                     | 1                              | 4                     | 4                     | 4                         | 4                    | 4                    | 4                    | n/a                              | n/a                       | 4                         | 1                            | 0                         |
| SFP Fiber Slot            | No                             | No                             | No                    | No                             | No                    | No                    | No                        | Yes                  | Yes                  | Yes                  | No                               | Yes                       | n/a                       | n/a                          | No                        |
| Power Over Ethernet (PoE) | No                             | Yes                            | No                    | No                             | No                    | No                    | No                        | No                   | No                   | No                   | No                               | No                        | n/a                       | n/a                          | No                        |

† VIP 10: 17 FPS @ 2CIF, 7 FPS @ 4CIF (PAL)

§ 15 FPS @ 4CIF or 30 FPS @ 2CIF. 30 FPS @ 4CIF on alternate inputs.