

HYDRA

# HYDRA HD SYSTEM BY NUVICO

Finally an HD Solution that runs over 300ft... at 1080p!



**Port-To-Port Plug And Play Installation:**

HYDRA HD™ cameras will perfectly sync with a HYDRA HD™ recorder via the BNC port without requiring IP configuration or IP setup. The HYDRA HD™ recorder detects and assigns designated channels when HYDRA HD™ cameras are connected to each BNC port

**No More IP Latency For Live Video:**

HYDRA HD™ cameras show live display in HD. There is no packet encoding and decoding delays

HD IP  
over Coax

COAX | CAT5e

**Runs 1080p HD Video Using Existing Coax Cable:**

No need to upgrade or replace an existing cable to a Cat5e or Cat6 network cable for an existing analog site. HYDRA HD™ cameras uses existing coax cable to deliver 1080p HD video

**No More Stress With Cable Distance Limitations:**

HYDRA HD™ cameras can transmit 1080p HD video over a coax cable up to 1500ft without using repeaters or boosters

## HYDRA HD™ Recorders

HYDRA HD™ Digital Video Recorders

|                                                 | HR-400                                                                              | HR-800                                                                                | HR-1600                                                                               |
|-------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                                                 |  |  |  |
|                                                 | HR-420, *440                                                                        | HR-820, 840, *880                                                                     | HR-1620, 1640, *1680                                                                  |
| * Special order may be required                 |                                                                                     |                                                                                       |                                                                                       |
| Video Format                                    | HYDRA HD™                                                                           |                                                                                       |                                                                                       |
| Main Monitor Outputs & HD Display Resolution    | Main-1: HDMI, VGA                                                                   |                                                                                       |                                                                                       |
| HD Video inputs                                 | HD BNC, Network                                                                     |                                                                                       |                                                                                       |
| Maximum HD-BNC Distance                         | Up to 1500ft with HYDRA HD™ Cameras                                                 |                                                                                       |                                                                                       |
| Maximum Recording Rate & Resolution Per Channel | 30pps @ 1080p Per Channel                                                           |                                                                                       |                                                                                       |
| HDD Bays                                        | 1 Internal Bays                                                                     | 2 Internal Bays                                                                       | 2 Internal Bays                                                                       |
| HD Local Live & Playback                        | Yes                                                                                 |                                                                                       |                                                                                       |
| Licence Fees                                    | None                                                                                |                                                                                       |                                                                                       |

## HYDRA HD™ Cameras

HYDRA HD™ Indoor, Vandalproof, Bullet Cameras

|                         | HC-D3                                                                               | HC-D31                                                                              | HC-OV3                                                                               | HC-OV31                                                                               | HC-B3                                                                                 | HC-B31                                                                                |
|-------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                         |  |  |  |  |  |  |
| Resolution              | 1080p over Coax & Cat5e                                                             |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| Max Cable Distance      | RG59 / Cat5e up to 1500ft / 300ft                                                   |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| Day/Night Functionality | Yes w/ICR                                                                           |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| Lens Type               | 3.6mm Fixed Lens                                                                    | 3 ~ 10mm VF Lens                                                                    | 3.6mm Fixed Lens                                                                     | 3 ~ 10mm VF Lens                                                                      | 3.6mm Fixed Lens                                                                      | 3 ~ 10mm VF Lens                                                                      |
| Angle of View           | 100°(W) ~ 31.7°(T)                                                                  | 110°(W) ~ 31.7°(T)                                                                  | 100°(W) ~ 31.7°(T)                                                                   | 110°(W) ~ 31.7°(T)                                                                    | 100°(W) ~ 31.7°(T)                                                                    | 110°(W) ~ 31.7°(T)                                                                    |
| IR LEDs                 | 30                                                                                  | 30                                                                                  | 30                                                                                   | 30                                                                                    | 24                                                                                    | 36                                                                                    |
| IR LEDs Distance        | Up to 100ft.                                                                        | Up to 100ft.                                                                        | Up to 100ft.                                                                         | Up to 100ft.                                                                          | Up to 50ft.                                                                           | Up to 100ft.                                                                          |
| Power Consumption       | 12 VDC / 1Amp                                                                       |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |

# SUPER MEGA PIXEL IP CAMERAS

## WITH FLEXIBLE RESOLUTION ADJUSTMENT



New Convertible Design LED Domes

### All Resolution in One IP Camera

1.3MP | 2MP | 3MP | 5MP HD



2.5 Times More Pixels and Larger Coverage



Long Distance Heavy Duty Bullets



## Server Type Network Video Recorders

Server Base NVRs

|  |                                                                                     |                                                                                       |                                                                                       |
|--|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  | SN-C1600                                                                            | SN-P3200                                                                              | SN-U3206                                                                              |
|  |  |  |  |
|  | Up to 16                                                                            | Up to 32                                                                              | Up to 32                                                                              |
|  |                                                                                     | DVI / HDMI / VGA                                                                      |                                                                                       |
|  |                                                                                     | H.264 / MJPEG                                                                         |                                                                                       |
|  | Up to 7pps @ 2MP Per channel                                                        | Up to 10pps @ 2MP Per channel                                                         | Up to 10pps @ 2MP Per channel                                                         |
|  | No                                                                                  | No                                                                                    | Yes                                                                                   |
|  | *2 Internal Bays (Up to 4TB)                                                        | *4 Removable Bays (Up to 8TB)                                                         | *4 Removable Bays (Up to 8TB)                                                         |
|  |                                                                                     | 4ch Per Pack                                                                          |                                                                                       |

**Options**

|            |                      |
|------------|----------------------|
| SN - URB20 | 2TB HDD              |
| SN - URB40 | 4TB HDD              |
| SN - 4LC   | Basic 4 Pack License |
| SN - 4LP   | Pro 4 Pack License   |

## Super Mega Pixel Network Cameras

5MP IP cameras

|  |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
|--|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  | NC-5M-D21                                                                           | NC-5M-OV3                                                                           | NC-5M-OV21                                                                            | NC-5M-B3                                                                              | NC-5M-B21                                                                             |
|  |  |  |  |  |  |
|  | 5MP / 3MP / 2MP / 1.3MP                                                             |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
|  | Yes w/ICR                                                                           |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
|  | 2.8 ~ 11mm VF Lens                                                                  | 3.6mm Fixed Lens                                                                    | 2.8 ~ 11mm VF Lens                                                                    | 3.6mm Fixed Lens                                                                      | 2.8 ~ 11mm VF Lens                                                                    |
|  | 110°(W) ~ 31.7°(T)                                                                  | 100°(W) ~ 31.7°(T)                                                                  | 110°(W) ~ 31.7°(T)                                                                    | 100°(W) ~ 31.7°(T)                                                                    | 110°(W) ~ 31.7°(T)                                                                    |
|  | 30(Up to 100ft)                                                                     | 30(Up to 100ft)                                                                     | 30(Up to 100ft)                                                                       | 30(Up to 100ft)                                                                       | 36(Up to 110ft)                                                                       |
|  | 10pps@5MP, 15pps@3MP, 30pps@2MP                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
|  | 12VDC / 1Amp                                                                        |                                                                                     |                                                                                       |                                                                                       |                                                                                       |